

Valley Farmer:

A Monthly Agricultural Journal, designed to benefit the Planter, Farmer, Gardener, Fruit Grower and Stock Raiser.

VOL. 9:

DEC., 1857.

NO. 12.

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The subscriber has issued a Circular in relation to the Cranberry and its Culture. They will be sent free of charge to all that wish them. The Plants will also be sent to any part of the United States, to those ordering, at \$5 per 1,000. Address SULLIVAN BATES,

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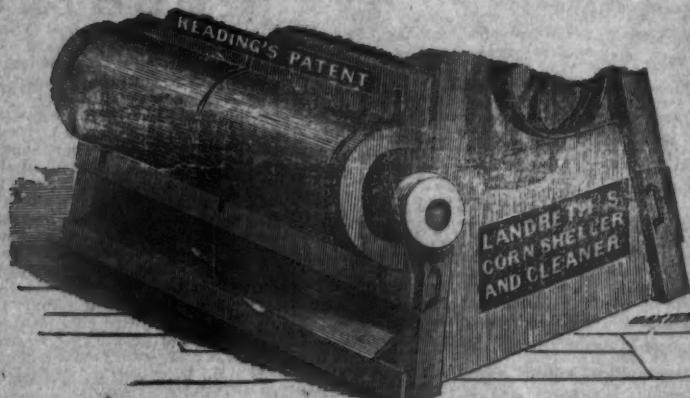
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VALLEY FARMER

J. J. COLMAN, EDITOR AND PUBLISHER,
Saint Louis, Missouri.

H. P. BYRAM, EDITOR AND PUBLISHER,
Louisville, Kentucky.

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Terms of Subscription.

One Copy One Year.....	\$ 1 00
Six Copies ".....	5 00
Ten ".....	8 00
Thirteen ".....	10 00
Twenty ".....	15 00

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doctor and the divine, all regard a thorough education and a practical knowledge of their respective callings as indispensable to success; and to the farmer these are equally important. In a country like ours, where the supreme power is in the hands of the people—where the farmer is the owner of the soil he cultivates; where every motive that can excite to honorable emulation in the human bosom exists, in full activity, to remain ignorant of his peculiar interests and the best method of advancing them, is not in accordance with the high destiny which ultimately awaits him.

The present may be appropriately termed the age of progress and improvement—bold, persevering, and, we may add with pleasure, in many instances, rapid and successful. The world, both physically and morally, appears to be in motion, and the direction is rapidly onward. No course of proceeding is now allowed to pass without the most thorough investigation. No error, whatever may be its antiquity, can hope for impunity. The disposition is becoming general to follow wherever truth leads, in defiance of preconceived opinions or prejudices, and if governed by caution and directed by knowledge, cannot fail to produce the most satisfactory results, and the farmer should be prepared to avail himself, to the fullest extent, of this state of things.

PROFITABLE AND UNPROFITABLE FARMING.

The pursuit of Agriculture is not only the most natural to man, but if conducted with judgment and skill, is the most sure in its rewards, of any avocation to which he is called. AGRICULTURE is the basis on which the whole structure of civilization and society reposes—the source and foundation of every other human employment. History affords us the surest evidence that, as Agriculture has advanced, as the farming body, the great class of producers, have been intellectual and intelligent, such, in exact proportion, has been the march of national wealth and civilized society. But, as a class, we regret to say, the education of farmers has been regarded as a matter of less importance than that of those in any other calling. Upon almost any soil, a man with little labor and less skill can gain a mere subsistence for himself and family; but to farm profitably, requires not only the exercise of good judgment, skill and industry, but also a knowledge of the science as well as the practice of Agriculture. In short, the farmer must be educated in order to secure the greatest success in his business. The merchant, the lawyer, the

That Agriculture has made great advances within a few years, no one acquainted with the subject will deny,—that it has reached perfection, few will venture to assert. To attain the highest possible excellence in his laudable profession, to obtain the greatest product from a given quantity of land, to realize the highest profit from the capital employed, to reduce Agriculture to a science and to a certainty, should be the object of every farmer. For one

man, or for a few men, to accomplish so mighty a work, is not to be expected. It requires the united efforts of the whole farming community and concentrated, intelligent, untiring effort. Public spirited individuals have done much, Agricultural and Mechanical Associations have done much, JOURNALS DEVOTED TO AGRICULTURE have done more, and to these three influential causes we must continue to look for still more rapid and successful progress. But the great want of the present age, is some well established system for the more thorough education of farmers' sons. This is the great work which is to form the foundation of future and greater progress. Agriculture should be taught in our common schools, Agricultural books should compose a part of our common school libraries. Farmers' sons should be taught at home, to love the calling of their fathers, not only by education, but by the employment of every possible means that can make home beautiful and attractive. If more attention were paid to these things, there would be less tendency in the young men of the rural districts to forsake the country, and venture in the pursuit of a city life, which in more than ninety cases in a hundred end in bankruptcy and ruin.

To make farming attractive it must be made profitable. To insure the most profitable returns, as we have said, industry and enlightened, scientific and practical skill must be employed; with a correct knowledge how capital is to be divided between land, stock, implements, and seeds; how land should be divided; whether best suited to stock raising, or the staple grains; which kinds of grain are best adapted to a particular situation and soil; what leading crops should take precedence in the most proper system of rotation—first, as to immediate profit; and, second, with special reference to the permanent improvement of the soil; the most systematic and cheapest method of manuring; what land would be improved by draining, and the proper method of accomplishing it. These are a few of the questions to be considered. A farm, if a large one, and remote from market, and at a distance from the convenient means of land or water transportation, and adapted to grass, may be best employed in stock growing; if upon a navigable stream, near a railroad, the staple grains may be more productive; if near a populous city or town, the dairy, fruits and vegetables may claim precedence. To carry out these various departments of farming, in these days of progress, with the greatest success, requires the most per-

fect system of operation, and a particular knowledge of each.

There are few facts more clearly established than that a farmer, to keep pace with the spirit of the times, to be a successful cultivator of the soil, to enter the field of competition on equal terms with his fellows, must READ; he must know what has been done, and what others are doing; he must unite knowledge and experience, science and practice, or he will fall far behind those who avail themselves of these advantages; and, while their purses wax fatter and fatter, his will become leaner and leaner, until he is compelled to dispose of his farm, and again seek new and wild land, still farther towards the setting sun. Of this class, large numbers, by an improvident and unprofitable system of farming, have so far worn out their soil that it will no longer pay in return for the labor bestowed in cultivating it. Many such have deserted the older States of Maryland, Virginia, and the Carolinas, and removed again and again into the far West; while the very lands that they have abandoned in the homes of their childhood, as worn out and almost worthless, have been purchased by the more educated and enterprising, and, under an enlightened and improved system of cultivation, been restored to comparative fertility, and are now yielding handsome returns to their owners.

In other pursuits in life, a thorough education and the most systematic application to business, are absolutely essential to secure success. Look, for instance, at any department of manufacturing, and we find that it is only by the most improved and perfect machinery, managed in all the various departments, with the most complete system, that success is attained, while thousands who were operating upon the older methods have been compelled to abandon the business entirely, and this is true in regard to profitable farming.

There never was a period when farming offered greater inducements for young and enterprising men to embark in it than at present. Farm produce, of every kind, never bore so high a price, in comparison with other commodities, as at present; and this must continue to be the case for long years to come, until thousands who are annually removing to the cities, and living in idleness, or following pursuits that are worse, turn their attention to the country, and become producers instead of mere consumers. The time, perhaps, never will again arrive, in view of our present system of railroad improvements, when lands can be located so advan-

geously at the minimum rates as now. Not only may farming on these lands, under the system of management that we have pointed out, be rendered the most surely profitable, but with the present rate of increase in population, the rise in the value of the lands that may now be secured, for a few hundred dollars, will, of itself, in a few years, amount to a competence.

MANURES.

Every cultivator should remember that all animal and vegetable matter is manure—the food of plants. It is the raw material from which wheat, corn, hay, potatoes, beef, pork and mutton are made. To burn up, or suffer any of these materials upon the farm to go to waste, is an absolute loss to the farmer of a certain amount of the crops he cultivates. It is mainly from these organic materials in the soil that all farm crops are derived; and when once a portion has been wrought up, manufactured, or elaborated into various crops upon the farm, and these crops sold in the market, the land from which they were derived is, to a certain degree, poorer than it was before they were grown. Continue to repeat this operation of growing crop after crop, from the same land, without returning something to it in the form of manure, and it will most assuredly cease to yield, and become worthless, like millions of acres now in the United States, although this is comparatively a new country. A wide spread recklessness prevails among the farmers all over the country, in this respect. The notion is too generally entertained that even the fertility of the rich western lands is inexhaustible. A more mistaken idea could hardly be entertained. As well might the capitalist imagine that there is no end to his riches, when constantly drawing upon them without adding interest or profit to the principal. A new era has dawned upon the farmers of the West, through the numerous railroads that have gone into operation, accessible to almost every quarter section of land. The vast markets of the world are opened to us, and our produce is going to feed the millions in other States, and in other countries, instead, as formerly, of being consumed upon the soil upon which it grew. The difference of the permanence of the fertility of the land in these two cases is very great, and should command the serious consideration of every tiller of the soil. Everything that will rot or decompose will serve as food for plants; therefore everything that is not eaten by the stock,

should be employed in the most economical manner as manure. Every ounce returned to the land in this way is capital at compound interest; and if we do not economise and restore these materials to the land, we do not act with true philosophy toward ourselves. The food of plants should be husbanded with the same caution that the food of animals is. It is only from a want of a clear understanding of the physiology of the vegetable economy that farmers, in general, are so regardless of this matter. The gardeners who supply our city markets with vegetables, teach us a lesson by which every farmer might profit. These gardeners are chiefly foreigners, from countries where the use of manure is well understood, and its value duly appreciated. In view of the enormous prices paid for the rent or purchase of their lands, the gardeners could not make a profit without these liberal dressings of manure, and most of them become wealthy.

Let no straw heaps or vegetable matters be burned, but make a liberal use of such substances to litter the stalls and yards where the stock is kept, where they serve a two-fold purpose of giving comfort to the animals, and adding to the manure heap. If all the straw cannot be used in this way, let it be either made up into compost heaps, or it may be hauled out immediately upon the thin portions of the farm, or use as a covering in planting potatoes, mulching fruit trees, plants, vines, &c.

CLOVER FIELDS.

Under the improper treatment which clover often receives, it is liable under the influence of the frequent freezing and thawing to which it is exposed in our Western climate, to be materially injured and frequently entirely killed the first winter after it is sown. This need not be the case, if proper care is taken to allow it to protect itself. The primary object in sowing clover, should be for the improvement of the soil. To secure this, it should be cut but once in a season, unless it be for the purpose of saving the seed from the second or fall cutting. If it is not designed to cut the first crop for hay, but reserve it for pasture during summer, the stock should always be turned off, and never allowed to graze it after September. All the subsequent growth should be left for the protection of the plants during winter. Farmers will do well to bear this in mind, and not allow their stock to enter upon their clover fields again, until the new growth of the next spring is in blossom. If the crowns of the

plants are eaten close, and the ground left bare, and trampled under the feet of stock, during winter, more than half of the plants will be drawn up by the frost, and completely killed before spring. A little observation will convince any one of this fact during the present winter.

THE MODEL FARMER.

We have been asked the significant question, Who is the Model Farmer? It is not so easy to answer as to ask it. Yet, as everything has its model, farming must have. And, as a farmer needs a model before him, as a pattern to improve by, we propose to draw in answer to the question, a partial portrait of the *model farmer*. It may not be a full length portrait, nor yet complete in all its parts, for the qualities of a model farmer are very numerous.

1st. He is an *active* man. There is not a *lazy* hair about him. He is ready, prompt, alert, quick on the foot, quick of thought and speech, has an eye to everything; as quick to judge the qualities of a horse, a farm, a soil, a crop, a fruit, as of his dinner or his neighbor's character. He looks for knowledge everywhere, and finds it fast. He compares his crops with his neighbors', and learns the reasons why one is better than the other. His odd moments he spends over his papers and books; he keeps an eye to the markets, the news, the prospect for the future, to keep up with the improvements, to acquire the science of his profession. He is a man, well posted. You seldom catch him napping on any subject. He is up with the times; as keen for general information as for improvement in his farming; is an inquiring, neighborly, courteous man, as much devoted to the good of his family and neighborhood, as of his farm; a friend of woman, children and his race, of education, literature, improvement.

2d. He is an *experimenter*. He tries new plans and modes that seem rational; new crops, stock, utensils. He tries different plans, side by side, and for himself decides the merits of all. He is not radical and crazy about new things, but he carefully and prudently tries all, to see which is the best. He won't use the old hoe because his father did, nor refuse to try the most improved plow, because his grandfather never saw it. He uses the best of everything, in the way of labor saving machines. He observes a wise rotation of crops; saves manure closely, applies it faithfully; keeps his farm fully stocked, and consumes as much of his hay,

grain and roots, as he well can on his farm.—He seeks to keep every field in good producing order, and every animal in good plight.

3. He is *economical*. He guards against waste. He keeps good fences; his stock are in their places; gates, bars, yards, roofs, buildings, granaries, &c., in good order, that nothing shall be destroyed or wasted. His stock he shelters from the cold and wet; he houses his tools, puts them away when not in use, in repair and in order; keeps his orchard and garden from the abuse of stock, especially his young trees, and so preserves everything from decay and destruction. His harvests are carefully secured in time, and preserved or marketed at once. He looks well to the littles "that nothing be lost."

4th. He is kind to his domestic animals. They are not abused, neglected, turned out to shirk for themselves, whipped, gauled, over-worked, over-loaded or over-driven. He treats them as a part of his household. He realizes that they thrive best, and yield the best profit, when well-treated.

5th. He is *orderly*. He has a time and place for everything. He rises and retires, begins work and ends it, at or near regular hours. His tools are in their places. His fields show evidence of being cultivated by an orderly hand. He plants and harvests in season. His household and all about him is well ordered.

6th. He believes in doing things well, believes in good farming. He plows deep, harrows thoroughly, sows none but the best of seeds; drains all wet places; drills in his grain; allows not a weed or a thistle to go to seed on his farm; keeps no sharky-hogs, works no dull, raw-boned oxen, no baulky, bean-pole horses; milks no wild, pigmy cows. His stock is No. 1 in blood and quality. He raises many kinds of crops and stock, fruit and vegetable, that if one fails another may make up the loss.

7th. He is *honest*; deals fairly; sells at fair prices, when his things are ready for sale; he seldom hoards up for higher prices, considering that on the whole, one year, with another, the market price when an article is ready, is the fair one. His word is always as good as his bond. He keeps a good set of account books, and keeps his accounts faithfully, trusting nothing to memory. He keeps a farm book also that he may know his own gains and losses, and the success of his crops and experiments.

8th. He is *gentlemanly* among men at home and abroad; kind in his household which he

ders with affectionate dignity, and provides for
with cheerful generosity.

On the whole, he is both a finished man and
a complete farmer—the noblest order of intelli-
gence on earth.

Michigan Agricultural College.

Michigan, though among the youngest States in the Union, has rather taken the lead of all other States in the extent of her operations for a Model Farm, and the establishment of a State Agricultural College. It is not two years yet, since the legislature of that State passed an act for the establishment of this institution, with an appropriation for the purchase of a farm, and the erection of suitable College buildings. Under this act, a farm consisting of 676 acres, situated near the town of Lansing, the capital of the State, was purchased; and a college building, 100 feet by 50, with a boarding house of nearly equal size, and both of brick, three stories high, have been completed. At the last session of the legislature, a further appropriation of \$40,000 was made, for the payment of Professors and Teachers, to carry out the plans of the institution, and to meet the contingent expenses during the years 1857 and 1858. The College has been completed and was dedicated on the 13th of May last, and went into immediate operation with its first class of 61 students. In a late number of the *Michigan Farmer* it is stated that upwards of sixty students more will be added to the catalogue at the opening of the second session, which is to commence on the 2d of December.

The institution is under the management of the following gentlemen:

Joseph R. Williams, President, and Director of the farm.

Calvin Tracy, Professor of Mathematics.

Lewis R. Fisk, Professor of Chemistry.

Henry Goadby, Professor of Animal and Vegetable Physiology and Entomology.

D. P. Mayhew, Professor of Natural Science.

Robt. D. Weeks, Secretary, and Professor of English Literature and Farm Economy.

John C. Holmes, Treasurer, and Professor of Horticulture.

The management of an institution of this kind is still an experiment in the United States. What modifications, if any, experience may prove necessary, time must determine. In various parts of Europe, agricultural schools are among the most prominent institutions of learning; but so different are the governments, characters and wants of the people from

ours, that they afford us no guide beyond the proof of their importance in an infant country like ours, whose leading pursuit is agriculture. That such institutions are among the important wants of this country, we think no reflecting man will deny. Of the benefits likely to result to the youth, to the business and general prosperity of the country, from the establishment of similar institutions in every State in the Union, we will not now attempt to speak. But we hope that the legislatures of Missouri, Illinois, Kentucky and other great agricultural States will, during their next sessions, instead of the unprofitable legislation that too often occupies a great share of their attention, give this subject a liberal consideration. Every other department of learning and business have their schools, colleges and teachers, and why should not the most important and leading pursuit known to civilized life be equally favored?

Sugar and Syrup from the Chinese Sugar Cane.

The American farmers are more apt to become excited by new vegetable wonders, than by any thing else. Almost every year brings to light some new production, by which they seek to be humbugged, and never seem better satisfied, than when going through the process. The new sugar cane, the present year, has been the prominent subject before the farmers. In the spring, the purchase of seed by the ounce, at exorbitant prices and the planting, were the leading considerations with tens of thousands throughout the country, and now the papers, from Maine to Texas, are teeming with the results of the numerous experiments of syrup boiling, from a pint up to barrels, but mostly upon a very limited scale. The results have been very uniform, so far as they have been given to the public, and the quality of the syrup produced is quite equal to what we had reason to expect, compared with that of last year, and some of it is said, by good judges, to be superior to the best New Orleans article. The yield, south of the 38th degree of latitude, promises to be remunerative. North of that line, it is somewhat questionable. Of the result of the numerous experiments that have been made in the various forms of manipulation employed, but little is yet known. That the process will yet be greatly improved we have no doubt. From the fact that both starch and sugar are largely consumed by plants, in the formation of their seeds, we took occasion in

the early part of the season, to remind our renders, that if they designed to make a superior article of syrup, and in the largest quantity, it was important that the seed-heads of the cane should be removed, soon after they cast their blossoms, but in all the experiments we have witnessed, in grinding the cane, this precaution has been disregarded, and not only this, but the entire stalk almost to the seed head, has been ground, one-third of the length of which, from the upper end, we think, should have been discarded, in order to produce a good syrup. The juice from that portion of the stalk, particularly if the seeds have been allowed to ripen, contains but a small portion of saccharine matter, and to press it, only renders the whole inferior, and adds materially to the time required to boil it down. One fact has been established, viz: that the cane requires to be fully matured, to yield the greatest quantity of the best quality of syrup. In regard to removing the seed head, as we have advised, we were informed by Prof. N. Butler, Louisville, Ky., who has been more successful in producing a superior article of syrup, than any one whose plan has been detailed to us, that a portion of the cane upon which he had experimented, he removed the heads as suggested, and in comparing the product of syrup, with that made from canes that had matured their seed, that from the latter was superior. This was a trial upon a small scale, and as the result is contrary to all analogy, we think that further experience will prove it to have resulted from the improper condition of the one, or from some other cause not affected by the seed.

The largest experiments that will be made with the cane, the present season, will be by Gov. Hammond, of South Carolina, and Mr. Richard Peters, of Georgia, each of whom have 110 acres of cane. But, with the exception of 70 acres, belonging to Mr. Peters, it is of the African variety. Owing to the late period at which the seed was planted, and the unfavorable weather during a part of the season, the reports of their success have not yet reached us.

The *Scientific American* asserts, upon the authority of an intelligent sugar refiner of New York that no dry sugar can be made from the Chinese Sugar cane. Some of the most eminent chemists in the country, have also asserted that it resembles the sugar of fruits, properly called *grape sugar* which is uncrystallizable, and the results chiefly, thus far, seem to favor this conclusion. Although we have seen a substance somewhat re-

sembling sugar, made from it, which is far from being equal in appearance, to the most inferior sediment usually found in molasses hogsheads. It is said, in a southern paper, that Dr. Daniel Lee, of Athens, Georgia, has succeeded in producing, from this plant, some "well granulated and well tasted sugar." If this is so, and the process is one that will prove generally successful, we shall shortly be in possession of the facts, &c. Mr. Wray, who has introduced the African Sugar cane, claims to have discovered a process, which he has patented, by which he can make sugar from that variety, and if successful we presume it will be equally applicable to the Chinese variety. Mr. Wray's chief experiments are now progressing on the plantation of Gov. Hammond, in South Carolina, and when completed, we will give our readers the result—together with any others of interest that may come to our knowledge.

FARMERS' CLUBS.

The driving work of the year is over, and now is the time to form Farmers' Clubs. This is done by the farmers of any particular neighborhood, meeting together, and becoming a Society for the discussion of Agricultural subjects, reading agricultural essays, &c. We heartily approve of them, when properly conducted. They are useful, not only for the agricultural information imparted, at the meetings, but in giving farmers that confidence obtained only by experience, which will enable them to rise in public and express their sentiments, upon all occasions, without embarrassment. This is a valuable accomplishment, and, as we contend, that farmers should be represented by farmers, in the State Legislature and in Congress, that farmers should be qualified to be our Governors and Presidents, we will advise them to join these clubs, participate in the discussions, and become calm, collected and experienced speakers. To all of those who ever expect to take a part in public discussions, we cannot too strongly urge them to participate in such meetings.

There are numerous questions, which could be discussed with interest and profit at such clubs, to wit: which are the best breeds of cattle for dairy purposes; which the best for beef; which is the most profitable breed of sheep for farmers to keep; which the most profitable breed of swine, and which the most economical method of fattening them; which the best breed of horses for farm purposes; are horses pref-

able to mules for the labors of the farm; which is the best system of rotation of crops; which kinds of grasses are best adapted to the soil of that particular locality; which the best varieties of wheat to raise for market. And there are hundreds of questions which might be stated, the discussion of which would be interesting and instructive. At these meetings mind is brought in contact with mind, and these intellectual combats rouse up the dormant intellect, and as the use of any faculty increases its power, so will the mind be improved by participating in such discussions.

ICE HOUSES.

Ice has become one of the indispensable articles of household economy, in almost every family in the city, while in the country, there are thousands of families who are not yet provided with an ice house. In a former volume of the *Valley Farmer*, we gave full details of the most approved plan for building an ice house. We fear there are a large number of our readers who have not yet furnished themselves with this necessary appendage to the farm out-houses. It is not yet too late to provide one in time to fill the present winter. Experience has proved that the best plan is to place the ice house entirely above the ground, for several reasons; the most important of these are, the ice keeps better, and thorough drainage, which is indispensably necessary, is easier secured above ground, than when the structure is below the surface. In building an ice house the form should be such that the ice may be deposited as nearly in a cubic body as possible of not less than 12 feet in dimensions. This form exposes less superficies than any other, and is subject to the least waste, because it is only upon the outer surface of a well packed body of ice that loss proceeds.

Wood is the best material for the house; the side walls should be double, with a space of at least twenty-inches between them. This space should be filled with old tan bark, closely packed straw or pulverized charcoal, which are poor conductors of heat. Between the roof and the ice a ceiling should be made which should be covered to the depth of 6 or 8 inches with tan bark or charcoal. The floor should be upon a solid foundation of wood, resting firmly upon the ground, leaving sufficient spaces in the foundation to insure the free passage of the water.

In the colder parts of the country, the ice

is usually of great thickness, and for commercial purposes is cut in blocks of uniform size, with machinery invented expressly for the purpose, so that it may be packed with the least possible space between the pieces; any accidental interstices are filled in order to exclude the air as much as possible. In securing the thinner ice in this part of the country, care should be taken in cutting and packing to secure this end as nearly as possible. There is another important point to which we will refer in this connection, and that is the neglect of too many to secure clean and wholesome ice. If it is necessary to take it from small ponds, if a little attention was given to the subject much of the filth that accumulates in these ponds during the year, might be avoided. A large portion of the ice that is sold in some of our western cities is taken from the ponds upon the commons. These ponds are the receptacles for all kinds of dead animals, and every other species of filth, which renders the ice entirely unfit for domestic use. If the inhabitants of these cities would refuse to buy such ice, they would be sure to be supplied with a pure article. It may do to cool a mint julip or a brandy toddy, but by those of the least fastidious taste it should be rejected.

A GOOD BANK.

The subject of Banks is at present the most exciting topic of the day. Their utility, as they are often managed, has long been questioned by some, and during the sitting of the legislatures of the several States, the present winter, it is probable that the subject will command general interest. But, however the question may be determined, there is one bank where depositors may always be considered safe. Its vault is *Mother Earth*—secure and always yielding good dividends; the exchanges, the planting of the field and the garden, always natural and therefore equal in value. The drafts should be *happiness, sobriety and noble independence*; the assets would be *beautiful fields waving with golden harvests*, to gladden the hearts of the people; the liabilities would be unavoidable yet agreeable *indebtedness* alone to the Giver of all Good, while the dividends would be *health, prosperity and wealth*.

This, the Farmer's Bank, is one that will be found worth sustaining, one that may have a million of branches and still the business will never be over done, and there will be no suspension of payments.



A FARM HOMESTEAD AND OUT BUILDINGS.

We herewith present our readers with the engraving and a condensed description of a most admirably arranged Farm House and out buildings, from Allen's Rural Architecture. We are indebted to Joseph Harris, Esq., editor of the Genesee Farmer for the engravings.

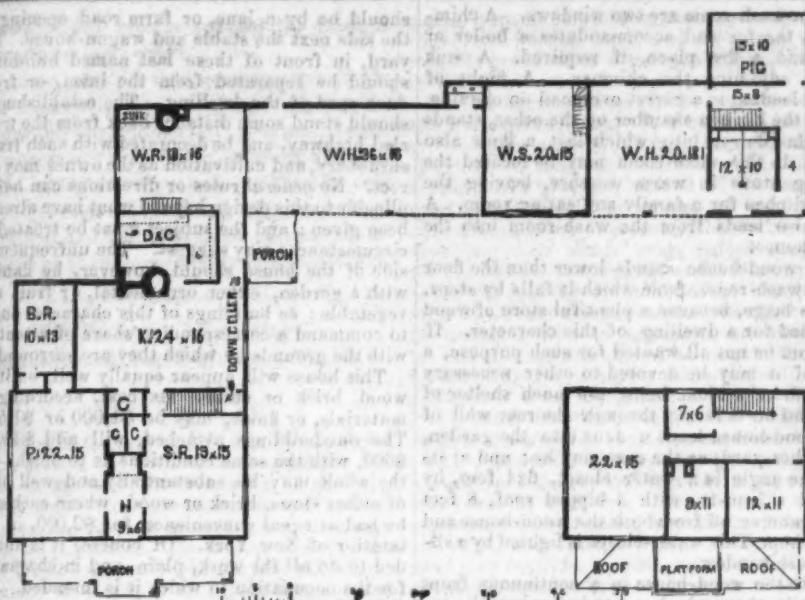
This is the plan of a house and out buildings, based chiefly on one which the author built of wood some years since, on a farm of his own, and which, in its occupation, has proved to be one of exceeding convenience to the purposes intended. As a farm business house, he has not known it excelled; nor in the ease and facility of doing up the house work within it, does he know a better. It has a subdued, quiet, unpretending look; yet will accommodate a family of a dozen workmen, besides the females engaged in the household work, with perfect convenience; or if occupied by a farmer, with but his own family around him, ample room is afforded them for a most comfortable mode of life, and sufficient for the requirements of a farm of two hundred to three or four hundred acres.

This house is, in the main body, 36x22 feet, one and a half stories high, with a projection on the rear 34x16 feet, for the kitchen and its offices; and a still further addition to that, of 26x18 feet, for wash room. The main body of the house is 14 feet high to the plates; the lower rooms are 9 feet high; the roof has a pitch of 35° from a horizontal line, giving partially upright chambers in the main building, and roof lodging rooms in the rear. The rear, or kitchen part, is one story high, with 10 feet posts, and such pitch of roof (which last runs at right angles to the main body, and laps on to the main roof,) as will carry the peak up to the same air line. This addition should retreat 9 inches from the side of the main building, on the side given in the design, and 18 inches on the rear.

The rooms on this kitchen floor are eight feet high, leaving one foot above the upper floor, under the roof, as a chamber garret, or lumber room, as may be required. Beyond this, in the rear, is the other extension spoken of, with posts nine feet high, for a buttery, closet or dairy, or all three combined, and a wash room; the floor of which is on a level with the last, and the roof running in the same direction, and of the same pitch. In front of this wash-room, where not covered by the wood-house, is an open porch, 8 feet wide and 10 feet long, the roof of which runs out at a less angle than the others—say 30 degrees from a horizontal line. Attached to this is the wood house, running off by the way of L, at right angles, 36x16 feet, of same height as the wash room.

Adjoining the wood-house, on the same front line, is a building 50x20 feet, with 12 feet posts, occupied as a workshop, wagon-house, stable, and store-room, with a lean-to on the last of 15x10 feet, for a piggery. The several rooms in this building are 8 feet high, affording a good lumber-room over the work-shop, and hay storage over the wagon-house and stable. Over the wagon-house is a gable, with a blind window swinging on hinges, for receiving hay, thus relieving the long uniform line of roof, and affording ample accommodation on each side for a pigeon-house or dove-cote, if required.

The style of this establishment is of plain Italian, or bracketed, and may be equally applied to stone, brick or wood. The roofs are broad, and protect the walls by their full projection over them, 2 1-2 feet. The small gable in the front roof of the main dwelling relieves it of its otherwise straight uniformity, and affords a high door-window opening on to the deck of the veranda, which latter should be 8 or 10 feet in width. The shallow windows, also, over the wings of the veranda, give it a more cheerful expression. The lower end windows of this part of the house are hooded, or sheltered by a cheap roof, which gives them a snug and most



comfortable appearance. The veranda may appear more ornamental than the plain character of the house requires; but any superfluous work upon it may be omitted, and the style of finish conformed to the other. The veranda roof is flatter than that of the house, but it may be made perfectly tight by closer shingling, and paint; while the deck and platform in the centre may be roofed with zinc, or tin, and a coat of sanded paint laid upon it. The front chimney is plain, yet in keeping with the general style of the house, and may be made of ordinary bricks. The two parts of the chimney as they appear in the front rooms are drawn together as they pass through the chamber above, and become one at the roof. The kitchen chimney passes up through the peaks of their respective roofs, and should be in like character with the other.

INTERIOR ARRANGEMENT.—The front door of this house opens into a small entry or hall, 9x6 feet, which is lighted by a low sash of glass over the front door. A door leads into a room on each side; and at the inner end of the hall is a recess between the two chimneys of the opposite rooms, in which may be placed a table or shelf to receive hats and coats. On the left is a parlor 22x15 feet, lighted on one side by a double window, and in front by a single plain one. The fire place is centrally placed on one side of the room, in the middle of the house.—On one side of the fire place is a closet, three feet deep, with shelves, and another closet at the inner end of the room, near the kitchen door; or this closet may be dispensed with for the use of this parlor, and given up to enlarge the closet, which is attached to the bedroom. Another door opens directly into the kitchen. This parlor is 9 feet high between joints. The sitting room is opposite to the parlor, 19x15 feet, and lighted and closeted in nearly the same manner,

as will be seen by referring to the floor plan.

The kitchen is the grand room of this house. It is 24x16 feet in area, having an ample fireplace, with its books and trammels, and a spacious oven by its side. It is lighted by a double window at one end, and a single window near the fire place. At one end of this kitchen is a most comfortable and commodious family bedroom, 13x10 feet, with a large closet in one corner, and lighted by a window in the side.—Two windows may be inserted if wanted. A passage leads by the side of the oven to a sink-room, or recess, behind the chimney, with shelves to dry dishes on, and lighted by the half of a double window, which accommodates with its other half the dairy, or closet adjoining. A door also opens from this recess into the closet and dairy, furnished with broad shelves; that part of which, next the kitchen, is used for dishes, cold meat and bread cupboards, &c.; while the part of it adjoining the window beyond, is used for milk. This room is 14x6 feet, besides the L running up next to the kitchen, of 6x4 feet. From the kitchen also opens a closet into the front part of the house, for any purpose needed. This adjoins the parlor and sitting-room closets. In the passage to the sitting-room also opens the stairway leading to the chambers, and beneath, at the other end of it, next the outside wall, is a flight leading down cellar. The cellar is excavated under the whole house, being 36x22, and 34x16 feet, with glass windows, one light deep by four wide, of 8x10 glass; and an outer door, and flight of steps outside, under either the sitting-room or kitchen windows, as may be most convenient. A door opens also, from the kitchen into a passage 4 feet wide and 12 feet long, leading to the wash room, 18x16 feet, and by an outside door, through this passage to the porch. In this passage may be a small window to give it light.

In the wash-room are two windows. A chimney at the far end accommodates a boiler or two, and a fire place, if required. A sink stands adjoining the chimney. A flight of stairs, leading to a garret overhead on one side, and to the kitchen chamber on the other, stands next the dairy, into which last a door also leads. In this wash-room may be located the cooking stove in warm weather, leaving the main kitchen for a family and eating room. A door also leads from the wash-room into the wood-house.

The wood-house stands lower than the floor of the wash-room, from which it falls by steps. This is large, because a plentiful store of wood is needed for a dwelling of this character. If the room be not all wanted for such purpose, a part of it may be devoted to other necessary uses, there seldom being too much shelter of this kind on a farm; through the rear wall of this wood-house leads a door into the garden, or clothes-yard, as the case may be; and at its extreme angle is a water closet, 6x4 feet, by way of a lean-to, with a hipped roof, 8 feet high, running off from both the wood-house and work-shop. This water-closet is lighted by a sliding sash window.

On to the wood-house in a continuous front line, joins the work-shop, an indispensable appendage to farm convenience. This has a flight of stairs leading to the lumber room above.—Next to the work-shop is the wagon and tool-house, above which is the hay-loft, also spread over the stable adjoining; in which last are stalls for a pair of horses, which may be required for uses other than the main labors of the farm—to run to market, carry the family to church, or elsewhere. A pair of horses for such purposes should always be kept near the house. The horse-stalls occupy a space of 10x12 feet, with racks and feeding boxes. The door leading out from these stalls is 5 feet wide, and faces the partition, so that each horse may be led out or in at an easy angle from them. Beyond the stalls is a passage 4 feet wide, leading to a store room or area, from which a flight of rough stairs leads to the hay loft above. Beyond this room, in which is the oat bin for the horses, is a small piggy, for the convenience of a pig or two, which are always required to consume the daily wash and offal of the house; and not for the general pork stock of the farm; which, on one of this size, may be expected to require more commodious quarters.

The chamber plan of this house is commodious, furnishing one large room and three smaller ones. The small chamber leading to the deck over the porch, may, or may not be occupied as a sleeping room. The small one near the stairs may contain a single bed, or be occupied as a large clothes closet. Through this, a door leads into the kitchen chamber, which may serve as one, or more laborers' bed chambers. They may be lighted by one or more windows in the rear gable.

If more convenient to the family, the parlor and sitting-room, already described, may change their occupation, and one substituted for the other.

The main business approach to this house

should be by a lane, or farm road opening on the side next the stable and wagon-house. The yard, in front of these last named buildings, should be separated from the lawn, or front door-yard of the dwelling. The establishment should stand some distance back from the traveled highway, and be decorated with such trees, shrubbery, and cultivation as the owner may direct. No general rules or directions can be applicable to this design beyond what have already been given; and the subject must be treated as circumstances may suggest. The unfrequented side of the house should, however, be flanked with a garden, either ornamental, or fruit and vegetable; as buildings of this character ought to command a corresponding share of attention with the grounds by which they are surrounded.

This house will appear equally well, built of wood, brick or stone. Its cost, according to materials, or finish, may be \$1,000 or \$1,500. The out-buildings attached, will add \$400 to \$600, with the same conditions as to finish; but the whole may be substantially and well built of either stone, brick or wood, where such may be had at equal convenience, for \$2,000, in the interior of New York. Of course, it is intended to do all the work, plain, and in character, for the occupation to which it is intended.

CULTIVATION OF LAVENDER.

According to a statement of Septimus Piesse, a chemist and perfumer in London, and correspondent of the *Scientific American*, there is no less than two hundred and seventy acres of land in England devoted to the cultivation of this fragrant plant. Each acre is estimated to yield two thousand six hundred pounds of flowers. Every hundred pounds of flowers give up by distillation about one pound of otto of lavender; and thus we learn that there is an average production of 7,000 pounds of lavender otto annually. It requires six ounces of this to make a gallon of lavender water, so that Britannia and her children, Jamaica, Canada and Australia, together with a few visitors—America, Germany and Russia, use and take home with them, the enormous quantity of 17,000 gallons of this favorite spirit. The lavender farms of England are situated at Micham, in Surry, and at Hitchin, in Hertfordshire. These lavender fields, when in blossom, offer a rich resort for the bees for miles around. So excessive is the bees love for the honey of this plant, that at harvest time they even follow it after it has been tied up into sheaves and carried to the boiling still, and even at the sacrifice of life.

We can see no reason why this crop cannot be grown to the best advantage in this country. Hundreds of acres of mint are grown in the Eastern States for distillation, and until ex-

sive competition greatly reduced the price, it was grown to large profit.

In some parts of this country acres of the *Phlox drumundi*, are grown expressly for the seed, for the English market. Our soil is suited to almost any crop that is grown in a similar climate in any country, and our farmers only require to become acquainted with the facts of the demand and the methods of culture to render many of them sources of profitable revenue.

(Written for the Valley Farmer.)

Educational Agriculture.—No. 2.

BY HOPE VERRET.

I have said the mental soil must be analysed and its defects ascertained and supplied. But before we are ready for this work of analysis, there is usually for the educator as well as husbandman, the labor of uprooting and clearing a way to be performed. As the one must fell the heavy forest trees and clear his fields of all obstructions to his work of cultivation, so must the other eradicate the tenacious roots of prejudice and clear away false views.

Impediments removed, and the soil loosened and softened and made fit for a ready reception and hospitable entertainment of the precious seeds, we may proceed to examine its properties, in order to consider what may be done for its improvement.

It may be we shall find a mind already rich in all the elements needed to supply luxuriant growth. If so we may sow at once the seed, perhaps even place in it, the already germinated plant. Yet we must study carefully that this be of a nature adapted to its capacities and conditions. The distinctive features of differences of mental constitutions must be accurately marked, for nowhere shall we find two minds so precisely alike as to admit of the same system of treatment.

In no case, if we would lay a foundation for permanent and valuable productions, must the first harvest be a too productive one. If it be found, and often it will be, that the intellectual soil instead of being deep and rich, is thin and poor, perhaps unfitted for bringing any good fruit to maturity, the task of the cultivator becomes more difficult. Art may, perhaps, even in this case, so far supply the defects by furnishing a substitute for the ingredients lacking in the mental chemistry, as to produce an apparent fertility. This is done in Physical Chemistry with much success, but it is only temporary and usually short lived. We will see what the chemistry of nature wisely understood and applied can effect.

If the Agriculturist plant upon a poor soil, some simple vegetable to which it is able to supply all the nutriment which the rain, atmosphere and sunlight cannot furnish, it will gain from these universal agents all the required aid, and then, if allowed to absorb these additional ele-

ments, instead of yielding them up to the harvester, will become capable of supporting more valuable productions after each experiment of the kind.

But the harvests must still be made enriching and not impoverishing. It is in this point that the educator most often fails when he would discipline the mind, in making it consist in the accumulation of facts, instead of the improvement of faculties. The process of cultivation must always be one of *growth*. Those who would discipline their minds may, indeed *must*, at the same time be storing up useful information, but if the reaping of an abundant harvest of facts be all that is regarded, and the effect upon the mental powers be unheeded, not only will the information thus gained be most inefficient, for all useful purposes, but also a limit will soon be reached when accumulation ceases. While it is granted that the increase of knowledge disciplines the mind, it must be remembered that crude unassimilated facts do not constitute knowledge. It may be that the mind should sometimes be fallowed. Like the field, which apparently unproductive, is gathering from air, and earth, and water, a wealth of fertility, the mind may really be hoarding up these from other sources than books or the training of schools, a rich provision for future use. Thus has nature herself trained those after her own heart. Patrick Henry in his idle rambles and apathetic loiterings learned of her the art of oratory. She took him to her grand old forests, and taught him by her voices in the loud murmuring streams and in the majestic eloquence of the swaying arms of mighty oaks. So she taught Demosthenes on the ocean shore, and his voice rose above its roaring, as afterwards he overpowered the tumults of the multitudes.

It is common, because easy, to say, "These were artists by nature," "Yes but by her *training*, not her *neglect*. Men thus educated are not uneducated. Nothing can be more erroneous than to call them so, neither any hope more fallacious than that the masses of mankind are ever to rise by such training. It is only the marked men, to whom nature has thus opened her heart. To others it is appointed that by long and toilsome labor they should seek to reach it. And this labor is the best discipline—this diligent search after the truths which in her manifestations she reveals, the best culture for humanity. She has provided for this study and this culture, not alone the marvellous physical constitution of man, and the material world to which it corresponds, but also the intellectual and the moral, each with its system of truths. Thus nature teaches all. Our work is to avail ourselves in the most advantageous manner possible, of her educational privileges. And thus we see that the preparation of the soil of the mind can end only with life, each acquisition becoming an additional element of fertility from the richer soil thus formed, more noble fruits can be drawn forth, and each successive harvest will be more plentiful and more excellent than the preceding, until at last the highly cultivated mind, freed from earthly limitations, and expanded to its fullest powers, shall reap its final harvest—a Heavenly one.

[Written for the Valley Farmer.]

STRICTURES ON FARMING.—No. 1.

BY "RURAL."

MESSRS. ERRORS.—With the kindest motives, and for the purpose of calling attention to some of the prevailing errors in the present system of farming, if you will allow me the use of your columns, I design to write a series of articles, and, although I shall speak plainly, calling things by their right names, yet I do not wish to wound the feelings of any man, when treating of any errors into which he may have fallen. It is only by coming out plainly and boldly, attacking errors wherever they exist, that much good can be effected. And, if I commit any errors, I shall take it in good part, if others pay me off in my own coin. I only claim to be a plain farmer of considerable experience and observation.

I intend, before I close this series of articles, to speak of the whole routine of farming operations, commending what is commendable, and reprobating what is reprehensible. And, reader, as we are friends I trust at the start, let us remain so to the end.

As it is the mind which guides, directs and controls all farming operations, as well as all other things over which man has power—so is it first in importance, and should be first considered, and of this shall I speak in this my first article.

The mind—the noblest gift of God—that which distinguishes us from, and elevates us above the brute race—that faculty with which we would not part for millions on millions of shining gold, if temptingly placed at our feet, and deprived of it become idiots or lunatics—that faculty, which, when properly educated and controlled makes us respected, which gives us success or failure in our business—that faculty which is all in all to the farmer, as well as to every other man—how has it been treated by farmers generally? Has it been educated, cultivated, informed and cared for, as though it were the priceless jewel it is? It is not necessary that one should have attended the best schools to get information. There are books and papers, in abundance, and in this country they are within the reach of all. Roger Sherman, though a shoemaker, found time to read and acquire information, which elevated him to a seat in congress, where he stood among the wisest and best. And the knowledge which placed him there, was acquired in private, by hard study, at odd spells, such as every farmer and every farmer's son has. Benj. Franklin, a poor apprenticed printer, with no other teacher than his books, which he read when not engaged at work—by application and industry, became at length the great American Philosopher and Statesman—and his name will live as long as that of the country to which he belonged.

I have alluded to these two instances, among thousands which I might name, to show what men can do for themselves, if they have the mind to make the effort. Also to show that schools are not indispensable to education—that every man can educate himself if he chooses—that he can acquire treasures of knowledge, by

improving his odd moments. There is no limit to the education of the mind—to its capacity to obtain knowledge. But is it not true that most farmers act as though they cared nothing for this priceless faculty? Do they take the best journals devoted to the progress and advancement of their profession? Are their libraries filled with the best books treating on Agricultural subjects? Or do they not go on from year to year in the same beaten track that their fathers and forefathers have done? Do they use every effort to become possessed of all the new information brought to light in their noblest of all professions? Do not too many of them sneer at, and look with contempt upon, all efforts to advance the agricultural interests, and, especially, upon books and journals devoted to Agriculture? These farmers who go on in the same old track, I have no hesitation in saying, if they brought enlightened mind to bear upon their farming operations would sooner or later increase the amount of their products from fifty to one hundred per cent. The Almighty has not given us this mind, with its wonderful capacities, but for our good. Let every farmer, then, bear in mind, what noble powers he possesses—let him cultivate and train those powers that they may be serviceable to him—and especially let farmers study to understand their own pursuit, for it is here that all improved farming must begin. It must begin with the farmer himself, in his own intellect, and its effects will soon be visible in his family, in his buildings, in his fields, in his garden, in his orchard and in his stock.

Hard times are coming on, but for this very reason, farmers should exercise their minds more—study what they can raise at most profit, and how they can raise it most profitably, what crop there will be the greatest demand for, and how the largest crops can be obtained. These and hundreds of other questions must be considered by every farmer, and therefore every farmer should by all means, take one or more of the best agricultural papers within his reach, for by so doing he will be using the best means to avoid the hard times."

Not only should he have agricultural books and papers, but also a good library of the standard works of our language—of history, of poetry, of literature, and of everything calculated to elevate and ennable the character, cultivate the taste and enlighten the mind. From my observation, I am satisfied where young men have a good library to go to, it often keeps them away from the bar room, and other places which they would attend, where they would learn bad habits, which would eventually lead to their ruin. It is said that "an idle man's brain is the devil's work shop," and there is a good deal of truth in the saying. Young men must have something to engage their minds, and if they don't have good books and papers, they will resort to something else. Every parent owes it to his children that they be supplied with the best means of instruction; therefore get them good and interesting books and papers, that they may grow wiser and better as they grow older.

HON. EDW. EVERETT'S ADDRESS.

Delivered before the New York State Agricultural Society.

We make the following extracts from the excellent address of the Hon. Edward Everett, delivered at the late fair at Buffalo, which we think will be as acceptable to our readers as any thing we can offer them. There are other portions which we shall present in our next number.

But although Agriculture is clothed with an importance which rests upon the primitive constitution of our nature, it is very far from being the simple concern we are apt to think it. On the contrary, there is no pursuit in life which not only admits, but requires, for its full development, more of the resources of science and art,—none which would better repay the pains bestowed upon an appropriate education. There is, I believe, no exaggeration in stating that as great an amount and variety of scientific, physical and mechanical knowledge is required for the most successful conduct of the various operations of husbandry as for any of the arts, trades, or professions. I conceive, therefore, that the legislature and the citizens of the great State over which you, sir, (Governor King,) so worthily preside, have acted most wisely in making provision for the establishment of an institution expressly for agricultural education. There is a demand for systematic scientific instruction, from the very first steps we take, not in the play-farming of the gentlemen of leisure, but in the pursuit of husbandry as the serious business of life.

In the first place, the earth which is to be cultivated, instead of being either a uniform or a homogeneous mass, is made up of a variety of materials, differing in different places, and possessing different chemical and agricultural properties and qualities. A few of these elements, and especially clay, lime and sand predominate, usually intermixed to some extent by nature, and capable of being so mingled and treated by art, as to produce an increased fertility. The late Lord Leicester in England, better known as Mr. Coke, first carried out this idea on a large scale, and more than doubled the productive value of his great estates in Norfolk by claying his light soils. To conduct operations of this kind, some knowledge of geology, mineralogy, and chemistry is required. The enrichment of the earth by decaying animal and vegetable substances is the most familiar operation perhaps in husbandry; but it is only since its scientific principles have been explored by Davy and Liebig, that the great practical improvements in this branch of agriculture have taken place.

These, however, are not instances of a permanent and normal condition of things. In the greater part of the Union, especially in those portions which have been for some time under cultivation, the annual exhaustion must be retarded by the annual renovation of the soil. To

accomplish this object, of late years every branch of science, every resource of the laboratory, every kingdom of nature, has been placed under contribution. Battle fields have been dug over for the bones of their victims; Geology has furnished lime, gypsum and marl; Commerce has explored the remotest seas for guano, and has called loudly on Diplomacy to assist her efforts; Chemistry has been tasked for the production of compounds, which in the progress of science may supersede those of animal or vegetable origin which are prepared by nature. The nutritive principles developed by decaying animal and vegetable organizations are universally diffused throughout the material world, and the problem to be solved is to produce them artificially on a large scale, cheap enough for general use. In the mean time the most simple and familiar processes of enrichment with the aid of mechanical power and a moderate application of capital are producing the most astonishing results. The success which has attended Mr. Mechi's operations in England is familiar to us all. By the application of natural fertilizing liquids, sprinkled by a steam engine over his fields, they have been made to produce, it is said, seven annual crops of heavy grass.

Simple water is one of the most effectual fertilizers, and in some countries irrigation, carried on with no moderate degree of hydraulic skill, is the basis of their husbandry. While walking, on one occasion, with the late Lord Ashburton, in his delightful grounds in Hampshire, just before he departed on his special mission to this country, in one of the intervals of our earnest conference on the North-eastern Boundary, he told me that he had expended ten thousand pounds sterling in conducting round his fields the waters of the little river—the Itchen, I think, that flows through the property, and that it was money well laid out. The famous water meadows of the Duke of Portland at Clipstone, have been often described, where the same operation has been performed on a still more extensive scale. Mr. Colman's interesting volumes on European Agriculture contain accounts of other works of this kind, but I confine myself to those which have fallen under my own observation.

But when science and art have done their best for the preparations of the soil, they have but commenced their operations in the lowest department of agriculture. They have dealt thus far only with what we call lifeless nature, tho' I apply the word with reluctance to the generous bosom of our mother Earth, from which everything that germinates draws its life and appropriate nourishment. Still, however, we take a great step upward, when, in pursuing the operations of husbandry, we ascend from mineral and inorganic substances to vegetable organization. We now enter a new world of agricultural research; the mysteries of assimilation, growth and decay; of seed-time and harvest; the life, the death, and the production of the vegetable world. Here we still need the light of science, but rather to explore and re-

veal than to imitate the operations of nature. The skillful agricultural chemist can mingle soils and compound fertilizing phosphates; but with all his apparatus and all his re-agents, it is beyond his power to fabricate the humblest leaf. He can give you, to the thousandth part of a grain, the component elements of wheat;—he can mingle those elements in due proportion in his laboratory,—but to manufacture a single kernel, endowed with living, reproductive power, is as much beyond his skill as to create a world.

This hasty survey of the different branches of agriculture, imperfect, as practical men must regard it has, I think, shown that it opens a wide field for scientific research, and demands an appropriate education. It is, in fact, in all respects a liberal pursuit, and as such ought to be regarded by the community. It is greatly to be desired that public opinion in America should undergo some change in this respect.—There is no want of empty compliments to the "Independent Yeomanry" at public festivals and electioneering assemblages. When the popular ear is to be tickled, and the popular suffrage conciliated, the "substantial farmer" is sure to be addressed in honeyed phrase; but the most superficial observation of society shows that the learned professions as they are denominated, the various kinds of "business," as it is significantly called—as if people could not busy themselves to any purpose, except in some kind of traffic—and in preference to both, or in conjunction with both, political employment are regarded as the enviable pursuits of life. It is not altogether so in the country from which the majority of the people of America are descended. In England the ultimate object of a liberal ambition is the ownership of a handsome landed property, and actual management by the proprietor of a considerable portion of it. Great fortunes, however acquired, are almost sure to be invested in great landed estates. Whether employed in the professions or in commerce, men escape from the city life as from confinement, and the country seat is generally the family mansion.

In acknowledging, as I do most cheerfully, the important relations of city life and commercial pursuits to the entire social system of the country, I leave of course out of the account—I have no words but of abhorrence,—for the organized conspiracies, swindling and plunder, which exist side by side with the legitimate transactions of the stock exchange. It is not one of the least perplexing anomalies of modern life and manners, that while avowed and thus far honest gambling (if I may connect these words) is driven by public opinion and the law, to exclude itself from observation within carefully tyed doors, there to fool away its hundreds, perhaps its thousands in secret; discredited, infamous; blasted by the anathemas of deserted, heart-broken wives and beggared children, subject at all times to the fell swoop of the police, the licensed gambling of the brokers' board is carried on in the face of day; its pretended sales of what it does not own, its pretended purchases of what it does not expect to pay for, are chronicled in the public prints to the extent of

millions in the course of a season, for the cruel and dishonest purpose of frightening innocent third parties into the ruinous sacrifice of *bonds* *side* property, and thus making a guilty profit out of the public distress and the ruin of thousands.

While the city is refreshed and renovated by the pure tides poured from the country into its steamy and turbid channels, the cultivation of the soil affords at home that moderate excitement, healthful occupation, and reasonable return which most conduces to the prosperity and employment of man,—first in time, first in importance. The newly-created father of mankind was placed by the Supreme Author of his being in the garden, which the hand of Omnipotence itself had planted, "to dress and to keep it." Before the heaving bellows had urged the furnace, before a hammer had struck upon an anvil, before the gleaming waters had flashed from an oar, before trade had hung up its scales or gauged its measures, the culture of the soil began.

"To dress the garden and to keep it,"—this was the key-note struck by the hand of God himself in that long, joyous, wailing, triumphant, troubled, pensive strain of life-music, which sounds through the generations and ages of our race. Banished from the garden of Eden man's merciful sentence—at once doom, reprieve and livelihood—was to "till the ground from which he was taken," and this, in its primitive simplicity, was the occupation of the gathering societies of men. To this wholesome discipline the mighty East, in the days of her ascendancy, was trained; and so rapid was her progress that, in periods anterior to the dawn of history, she had tamed the domestic animals, had saddled the horse, and yoked the ox, and sheared the patient sheep, and possessed herself of all the cereal grains, which feed mankind at the present day.

The culture of the soil has, in all ages been regarded as an appropriate and congenial occupation for declining life. Cicero, in his admirable treatise on "Old Age," speaking in the person of Cato the Elder to whom I have already referred, when he comes to consider the pleasures within the reach of the aged, gives the most prominent place to those which may be enjoyed in agricultural pursuits. These, he adds, are not impaired by the advance of years, and approach as near as possible to the ideal "life of the Wise Man." Guided by the light of nature, he contemplated with admiration that "power," as he called it, of the earth, by which it is enabled to return to the husbandman, with usury, what was committed to its trust, favored with a knowledge of the spiritual relations of the universe not vouchsafed to the heathen world, to look upon agriculture in higher aspects, especially in the advance of life; and as we move forward ourselves toward the great crisis of our being, to catch an intelligent glimpse of the grand *arcana* of nature, as exhibited in the creative energy of the terrestrial elements—the suggestive mystery of the quickening seed, and the sprouting plant—the resurrection of universal nature from her wintry grave.

Stock Raising Department.

CARE OF HORSES.

The horse is the noblest domestic animal. He performs wearisome toil for us—labors year after year—and finally is sacrificed by the hard work and ill-treatment of man. In consideration of his useful services, whether in tilling our fields, drawing our carriages, or carrying us upon his back, should he not receive better care and kinder treatment than he generally does? Too many think, because he is a brute no usage is too hard. Could he speak, what piteous tales could he tell of brutal treatment, hard fare, want and neglect. The cold winter is coming on, when he will be exposed to storms—compelled to travel over heavy roads, and, too frequently, when at the end of his journey and nearly exhausted, left standing and shivering in the cold—his legs covered with mud and his body with perspiration. Kind reader, we trust you will leave none of your animals to suffer in this manner. Provide them with comfortable stables, commodious stalls, and an abundance of excellent food. And when you go to town, or visit your neighbor, shield them from the winter's blast on your arrival.

A few words upon the care of horses at this season of the year, may not be inappropriate. Having provided them with comfortable quarters, the next thing is to have a supply of good food, corn, oats, hay, &c. If you have a number of horses, and wish to keep them upon the most economical plan, you must have a machine for cutting up your hay, and also one for grinding your grain, especially your corn, into meal, or have it done at the mill. The cut hay must then be wet and the meal added in proper proportion. Where horses are kept on a large scale, this has been found the most economical plan of keeping them, and corn meal is used almost altogether for the purpose of mixing with the hay.

Having provided the food, the next important matter to be attended to, is regularity in feeding, both as to quantity and time. The proper quantity should be determined upon, and the horses should be fed at morning, noon and night, at precisely the same hours, daily. They should also be allowed water as regularly as they are their feed. A handful of salt and ashes mixed in equal quantities, should be placed in their feeding troughs once or twice a week, to keep their system in a healthy condition.

The stalls should be kept dry and clean, and an ample supply of bedding allowed each horse. These matters being all properly attended to, the next thing requiring attention—and an important one it is—is the proper currying and rubbing of the horses. We say *proper* currying, for, not one case in ten is a horse rubbed and curried properly. The skin cannot be kept clean and the pores open without thorough currying and brushing. Nearly every person knows how this operation should be performed, but there are few who perform it properly. Every part of the body should be curried and brushed daily, in a quick, rapid manner, and the skin should be freed from all impurities. The proper grooming of a horse polishes the hair, the friction exerts a beneficial influence on the skin, which conduces to the health and thrift of the animal. This operation should be performed regularly every morning before the horse is put to work, and at night, especially if the horse has been hard at work, is wet, or his legs covered with mud, the same operation should be gone through with again.

By giving attention and care to horses as we have suggested, they will be active, healthy, useful and long lived.

MULES.

The business of raising mules has become very large and profitable in the West. Indeed in some portions of Missouri and Kentucky, it is the largest and best paying branch of stock raising. Mule colts, at weaning time, have commanded for several years past, from fifty to seventy-five dollars per head, and, the past season, have been considerably higher. The severe money pressure, which, for the time being, is lessening the price of everything, will, doubtless, decrease the present high prices of mules, although, perhaps, in a less proportion than on almost any other article the farmer may raise. Mules must be had for work—the southern market must be supplied, and, while the animals, now ready to be broken for work, will command nearly as high prices as formerly, yet the younger ones, which are usually purchased and fed for one or more seasons, by those following that business, will, doubtless, bring a much lower price than formerly. Our advice to the farmer, therefore, is to keep his young stock till another season, if he is prepared to keep them well—by which time the money pressure will have ceased, and the mules being needed, the price, which has heretofore been paid for

them, will be sustained, and the farmer will be well paid for keeping them.

Good horses have become scarce, and command very high prices, in consequence of so much attention being paid to raising mules. The farmer has found, by experience, that the business is profitable, that mules can be sold at an early age, in ever so large droves, for the cash—that at the age of two years, or, in the fall after two years of age, if they have been well-fed—they are ready for market, that is work, and that, in consequence he can turn them much quicker than horses.—They are generally liberally fed from the start—being allowed all the corn and oats they want, and, in summer, soiling is frequently adopted, and they are fed in droves of one or two hundred in fields of two or three acres, partially shaded by trees. In this manner they are treated, being forced into as rapid growth as possible, so that they will bring high prices in the Southern market—where they are sold unbroken—planters being afraid to buy mules that have worked, as they do not know but that they may get older ones than they bargain for.

The young mules make a good deal of trouble, at weaning time, as they will crawl through a crack in the fence, or leap the fence like a dog, and the stable in which they are put must be very tight to detain them. Sometimes, in their efforts to get out, they have been known to ascend into the stable loft. They will pursue sheep, dogs and other animals and unless fleet of foot, stamp them to death.

That mules are more profitable for performing farm work than horses, we think can be demonstrated. The first cost of mule teams is generally less. They do not require the amount of food, nor the fine quality of food, that horses do, and the cost of keeping them, alone, is from 33 to 50 per cent less. Mules will do very well, and work well, on corn stalks and good straw—while horses must have oats, corn, good hay, &c., and the kindest treatment. Mules will stand rough treatment and usage much better, and, therefore, where servants are intrusted with the management of the teams they are decidedly preferable. Mules are harder, are never sick, rarely ever become lame, and live to a very great age—at least double or treble that of the horse, and in this respect are far more valuable. Mules will do equally as much, if not more, work than horses—are truer to pull—and a team, be it ever so large, will soon learn to pull in concert, while horses, some of them possessing more fire than others, rarely ever pull steadily and evenly. All of these things being taken into the noocount, we think farmers would find, that for farm work, and

heavy hauling, mules are better and more profitable than horses.

[For the Valley Farmer.]

PASTURE—ITS IMPORTANCE.

MESSRS. EDITORS:—The neglect of good pasture, in some of the Western States, especially in Missouri, is undoubtedly a great drawback to the pleasures, comforts and profits of Agriculture. I have often wondered how farmers could live on a farm for many years and totally neglect to provide pasture for their stock, and especially in a country where grasses of all kinds flourish so very luxuriantly as they do in Missouri. Everybody is fond of good milk and butter, and without good pasture neither can be had in perfection or abundance.

The want of pasture is the main cause that Missouri is dependent on the eastern States for butter and cheese, and the cities of Missouri will have forever to depend upon the East for a supply of these articles of necessity, until she adopts a different method of agriculture. Every farmer should allot a portion of his land to pasture, instead of letting it remain waste or planting it to death. What is more pleasing to the sight than large and rich pasture, stocked with fine animals, good milk cows, with extended udders, without which there is neither comfort or profit in farming. The farmer may get along, in a thrifless way, without comfort or pleasure, relying on a scanty range, stubble fields and meadows. The result of this is lean and half-starved stock, a large portion of the summer and fall seasons; and never ready for market or the butcher.

Blue grass is the *ne plus ultra* of all the grasses, and seems indigenous to all parts of Missouri, and all that is required of the farmer to raise it, is to give it fair play, and it will yield abundantly. What is meant by fair play, is to give it a chance to grow and make a good and strong sod.

Stock should not be turned on blue grass until the 26th of April; and, as soon as it is eaten off, turn them on another pasture, and so alternate each lot during the season. In order to perpetuate the pasture, the grass must be allowed to seed every third year, at least. Unless the grass is permitted to ripen its seed, weeds and moss will take possession of the ground. But if blue grass is permitted to seed, it will displace all weeds and other grasses. The Florissant valley, treated in this manner, will yield as heavy crops of blue grass as the famous blue grass region of Kentucky. But that, and much of the Missouri lands are so very light, loose and loamy, that if stock are permitted to run on them all the time they will kill half the grass, and poor pasture follows. Winter range should never be allowed in this section. It may answer to let stock run on grass pastures in Kentucky in the winter, but in Missouri it is ruinous beyond doubt.

Now is the time to prepare the ground by removing stumps, under brush, &c., preparatory to sowing the seed in February or March.

St. Louis county, Mo.

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Cooking Food for Hogs and other Farm Animals.

The most stubborn obstacles to agricultural progress and improvement are the result of long established prejudices and practices that have often grown out of necessities that now no longer exist. To remove these prejudices and establish a reform, nothing short of repeated practical demonstrations will suffice. If facts and arguments were wanting, one would suppose that what we have already given in the Valley Farmer, would convince every husbandman of the importance of the artificial preparation of food for domestic animals, particularly at the present advanced prices of farm produce. If we take a *physiological* view of the subject and compare the wants of man, with certain domestic animals, whose organization differs in no essential particular from his own, we think the importance and economy, (not to say humanity) of the subject is clearly established. Man, even in his uncivilized state, prepares his food mostly by some method of cooking, and to compel him now to eat it raw would neither prove conducive to health, nor qualify him for the duties and labors he is required to perform. Whether the same necessity exists, or the same advantages are gained, in cooking food for ruminating animals, we are not so fully prepared to establish by well conducted comparative experiments, yet, so well satisfied on this point are some of the best dairymen in the country that they seldom feed their milch cows on any but cooked food, including hay, straw, oil cake-meal, and other grains.

Mr. B. Rives, an intelligent farmer of Ray county, Mo., gives his views in the November number of the Farmer, (page 342,) and concludes that when corn is worth fifty or seventy-five cents per bushel, it may do cook it, but when it is only worth twenty-five cents per bushel and the labor of a hand is worth one dollar and a quarter per day, it "will not pay," and concludes by remarking that the most economical method under the circumstances, is to fence off a field of corn and let the hogs help themselves.

We have no doubt, that if hogs are turned into the field, or fed on corn and stalks cut up while the grain is in the milk, that the same advantages are secured that result from the cooking process. But the period is so short when the corn is in this condition, that but a temporary advantage is gained by feeding in that way and some more permanent arrangement must be adopted to secure the same results.

In the last volume of the Valley Farmer, (page 376,) we gave a detailed account of the experiments of Mr. Samuel H. Clay, of Kentucky in feeding several lots of hogs, alternately changed from raw to cooked, and from cooked to raw food, ground and unground. With considerable trouble to ourselves we prepared the statement in tabular form, so as to present at a glance, the various facts afforded by a well conducted and most thorough experiment.

Mr. Clay's experiments show that to make pork on dry corn, one bushel gave, in one instance, a gain of five pounds and ten ounces, and in another instance six pounds and ten ounces. In changing the food, on the same animals to boiled corn, one bushel produced a gain of *fourteen* pounds and seven ounces, and a bushel of corn ground and cooked, gave a gain of *sixteen* pounds and seven ounces, while in another instance, after a change from dry corn to cooked meal, the gain upon one bushel was but a fraction short of *eighteen* pounds.

These experiments then show an average gain of about *three* pounds, when the animals were fed on cooked food, to a gain of one pound when fed on dry corn. Or, to reduce the comparative cost of the gain per pound, estimating the corn at 23 cents per bushel, the following are the results: When the hogs were fed on dry corn the average gain cost 4 1-2 cents per pound. The same animals when fed on cooked meal, the gain cost a fraction over 1 1-2 cents a pound, or when fed on cooked corn, unground, the gain cost 1 cent and 9 mills per pound, leaving but four mills, or less than half a cent per pound in favor of that which was cooked unground, or allowing but four mills per pound for grinding, exclusive of the greater time required to cook whole corn, over that which is ground. But to come to the point more definitely, we will reduce the price of the corn to 25 cents per bushel, (which is as low as may now ever be expected, except, perhaps, in some remote quarter,) and reduce the gain from two-thirds to one-half, for the difference between cooked and uncooked food, which will be equal to *twelve and a half cents on each bushel of corn fed out*, and see how the question will stand.

With a properly constructed apparatus and suitable feeding arrangements one man can cook and feed out 100 bushels of meal in a day. To do this, his meal must be placed in bins so as to be conducted into the steam vat without handling, and his feeding troughs so arranged that the slop will flow into them in the

same manner, without handling. But if corn is cooked without shelling or grinding, two men would be required to manage the same quantity. In the first instance, then, there would be a saving of 50 bushels of corn, which at 25 cts per bushel, is \$12.50, to be offset by the labor of one man, one day, which at \$1.25 per day, leaves a profit of \$11.25 in favor of cooking. But, if the corn be cooked whole, and requires to be fed out by hand, allowing two hands, at the same cost per day, there will still be a gain of \$10. But to simplify the question still further. Is it not cheaper to cook 100 bushels of corn than it is to raise 50 bushels? But besides a saving of one-half of the corn, by the process of cooking, there are numerous other advantages to be taken into the account. The same weight is attained, according to the experiment above quoted, in *one-third* of the time, or we will reduce this also to *one-half*, avoiding the risk of accidents to animals on the time gained, the care and attendance in feeding, the advantages of weather in the earlier and more favorable season for feeding, together with other incidental matters not enumerated.

The conclusions, which are generally arrived at are predicated upon the idea that prevails in regard to the cost of cooking food, according to the primitive methods employed in the east in a single kettle, or Mott's agricultural boiler. These are adapted only to small operations, and, of course, to depend on them, would incur considerable cost for labor, fuel, &c. But we should not forget that this is a progressive age, and the inventive powers of our countrymen are adequate to any emergency of the times, or demands of the age. Every one who is acquainted with distilling, knows that many hundreds of bushels of corn go through the destructive process, in one of these establishments in a single day; and if the same quantity was only to be prepared as food for swine, with boilers constructed alone for that purpose, the same work could be performed with greater facility, and less labor. To provide a boiler and steam vat of the capacity suited to extensive feeding, with the necessary fixtures, would cost several hundred, or perhaps a thousand dollars, but like many other branches of business, we are convinced that the larger the establishment, the more profitably it may be conducted, and that, not only may the cost of the fixtures soon be saved, but a large per centage of the corn usually fed. We have before given a very excellent plan for the construction of suitable steaming works, adapted to extensive feeding. Since then

a new and valuable steam boiler and furnace before referred to by us and suited to moderate operations has been invented and is now manufactured and sold by Hedges & Free, of Cincinnati, Ohio, and which is illustrated in the present Volume of the Valley Farmer, page 21.

We are perfectly satisfied from our own repeated experiments, which have been fully sustained by those conducted by others, that with a suitable establishment of capacity adapted to the end in view, a great saving may be secured by this method of preparing food for swine, and we believe with scarcely less profit for beef cattle. We wish some philanthropic, enterprising farmer, would take the matter in hand, and make an experiment on a dozen or more bullocks, through a full course of fattening, on steamed food, both grain and hay, with an equal number fed in the ordinary way.

If grain is not to be cooked, we still contend, as we ever have, that it should be well ground, whether fed to hogs, cattle or horses, and to cattle and horses it should always be given in combination with the coarser food.

* * *

CATTLE KILLED BY EATING CORN STALKS THAT HOGS HAD CHEWED.—Mr. George Effinger, a farmer living near Harrisonburg, lost a number of valuable cattle within the last few days, caused by permitting them to pasture in the same field where he had a number of hogs. The hogs chewing the corn stalks and putting them out on the ground without swallowing them, when the cattle eat them. They at once commenced rubbing their heads, when their throats swelled, and in a short time death ensued. Farmers would save themselves many fine cattle by not permitting them to run in the same field with hogs, (that is to say when the hogs are fed on green corn, stalk and all.)—*Richmond (Va.) Dispatch.*

To this the editor of the *Southern Planter* remarks, that if Mr. Effinger had been a subscriber to the *Planter* he might have escaped this loss, stating that he had frequently warned farmers against this practice.

Will the *Planter*, or some one acquainted with such facts, explain the cause of these stalks killing the cattle, after they had been chewed by the hogs. We certainly are at a loss to imagine any other than the mechanical action of the stalks upon the stomach and intestines of the cattle, to produce death, and why this should be more likely to occur after the hogs had chewed the stalks, than when chewed by the cattle themselves, is not altogether clear to us.

[For the Valley Farmer.]

MYSTERIOUS DISEASE IN CATTLE.

MESSRS EDITORS:—I desire through the medium of your valuable paper to inquire of you or some of your subscribers, who perhaps have a knowledge of the cause of a disease now very prevalent among cattle in North Western Missouri.

As I know no name to give the disease I will describe it. One of mine died the other day, which I undertook to skin to ascertain the cause of the disease. At the legs the flesh and hide are very dark and bloody. The hind quarters on examination, had the resemblance of liver very dark and bloody to the bone. They die in a very short time—from 12 to 24 hours.

Thinking that you, or some of your subscribers, know something about the disease, and a sure for it, you would much oblige me by letting me know in your next number.

Yours, truly. JACOB FROCK.

Little Compton, Mo.

REMARKS.—The above description is too brief and imperfect to enable us to form even a conjecture as to the nature of the disease to which our correspondent alludes. He gives none of the symptoms with which the cattle are affected, nor any of the appearances presented by the carcass except the dark color of the flesh. This dark hue of the muscles may have been simply the effect of the retention of all the blood, which would impart to the flesh of an animal, dying from disease, a darker color than that which is seen in cattle bled to death. Or the bloody appearance may have resulted from a *dissolved condition* of the blood—a loss of a portion of its fibrin—an excess of a portion of its watery constituent, such as attends in the human subject, certain malignant fevers. But whatever may have given rise to the morbid appearances described by our correspondent we are safe in saying, that very little is to be hoped from remedial treatment in a disease which runs its course to a fatal termination in twelve or even twenty-four hours. We suppose the fact to be that the animals are diseased a much longer time than this, and that when they are first discovered to be ill their malady has reached its last stage. Be this, however, as it may, we fear the farmers, not only in North-west Missouri, but of many other sections of our country, are encountering a distemper in their cattle for which art promises but little. In the first place, disorders in an epidemic form are always more malignant and unmanageable, whether in man or

the lower animals, than the same complaints in a sporadic or occasional shape. And in the second the further our domestic animals are removed from the human subject in organization, the less hope is there of reaching their disorders by medicine. We confess we should count on very little good from the use of remedies in an epidemic, malignant disease among cattle.

Whatever be the nature of the distemper referred to by our correspondent, the probability is that it is of a contagious character, and is communicated from one individual to another, and so from herd to herd. If this opinion be correct a good deal might be expected from precautionary measures—from not permitting the healthy to pasture with diseased animals. All animals showing any symptoms of disorder should be removed at once from the herd.—This, we should say, is more likely to limit the epidemic than any measure afforded by the present state of our knowledge. Among human maladies of an epidemic form there are a number in which this cause has been found more effectual in checking their progress than any other ever instituted. Cholera is not so effectually met (if we may be permitted the Hibernicism) as by flying from it—removing the sound from the impure atmosphere—avoiding all contact with the sick. When it breaks out on a plantation the surest way of arresting its spread, experience has shown to be, scattering its laborers and tenants. Dispersion is the preventive. So we take it, it is in the distemper of cattle horses and hogs. Nothing is so deleterious as crowding; nothing so salutary as ample range, with abundant healthy food.

THE HOG MARKET.—This great leading branch of Western fall trade, appears to be without movement up to this writing, although the period for packing has arrived. We hear of but few actual sales. Dealers seem to be unwilling to pay the price demanded by the farmers. Sales of a few droves have been made in the principal markets at from \$4 to \$5, gross. The probability now seems to be that most of the hogs will be killed and packed on the farmers' account.

A PROLIFIC SOW.—A "Subscriber," living in Pope county, Arkansas, gives us an account of an extraordinary sow owned in that county. She is of the Irish grasier breed, and is known by the name of Victoria. She was brought to that country about 17 years ago, and has raised sixteen litters of pigs, averaging seven at a litter, making in all 112, which at an average of 200 pounds each, is 22,400 pounds of pork, which at the usual market price of \$5 per hundred, makes the handsome sum of \$1,120. She is represented as likely to add many more to this swinish multitude. What county can beat this?



Horticultural Department.

THE ORCHARD AND THE FRUIT GARDEN.

That the cultivation of fruit in proper locations, may be rendered profitable, is no longer a problem. The advent of Steamboats and Railroads has opened fruit markets in all the cities and towns in the country. In almost every section, certain intelligent individuals are to be found, who have turned their attention almost exclusively to this department of cultivation, and the success which has attended their efforts, is attracting very general notice, and their example, in the thorough manner of preparing and cultivating their grounds, only requires to be followed to render similar efforts, in general, highly satisfactory and remunerative.

In a former number we alluded to certain elevated and favored locations where the more tender fruits, such as peaches, &c., were almost always exempt from the disastrous effects of the late spring frosts, but our object now is, more particularly, to speak of fruit growing generally, throughout the country, applied to garden as well as more extensive orchard culture.

Every farmer, down to the owner of a single acre of ground, should have his orchard or fruit garden. Some situations, it is true, are more favorable for fruits in general than others, but all may be rendered more or less adapted to certain kinds.

We now propose to offer a few brief observations, of a practical nature, upon the subject in general, and in future numbers we will speak under some of the particular heads more in detail.

The chief considerations to which we shall refer are the Situation, Aspect, Soil, Arrangement, Selection of Trees and Plants, and Planting.

1st. *The Situation for a fruit garden should*

be upon the most elevated grounds and where it is possible, on a slope in a northerly direction. The margin of lakes, the islands and promontories of rivers, are more exempt from the effects of late spring frosts than level lands in the interior. There are, however, in all parts of the country, a large number of persons who cannot choose for a fruit garden, the most desirable situations; considerations of business have governed them in their choice of a lot, perhaps of an acre or less, which is not altogether adapted to gardening or fruit growing. What is to be done in such cases? Why, art, as far as possible, must be exercised to aid in making up the deficiency, and where the more tender fruits cannot be grown, let harder ones be substituted. Where the peach, the pear or the apple will not flourish so well, let a less portion of them be planted, and, in their stead, cultivate more largely, in the damp and shady places, the raspberry and some of the improved kinds of the blackberry, and in the more favored parts of the garden, let the grape, the strawberry, the American gooseberry, the currant, and such fruits make up the deficiency, and in this way almost every situation may be made to produce the most healthful luxuries, that too many of our citizens know but little of.

2d. *Aspect.*—As we have already intimated, a northern aspect for the peach, the pear and the apple, is to be preferred; for the grape, in field culture, a south-eastern inclination is most favorable. In village lots, a full supply of grapes for family use, may be grown with the vines trained upon the sides of the out-house and over the kitchen door, and, in addition, afford a cool and refreshing shade. A mistaken idea has extensively prevailed among inexperienced cultivators, that the more tender trees should have a southern aspect. All experience in the range of our latitude, proves this opinion to be entirely erroneous. The frequent freezing and thawing resulting from such exposure, proves more fatal to tender trees and plants, than a more uniform and much colder temperature on an opposite slope. The cause of this is, on a southern exposure the power of the sun during the warm spells in winter and early spring, is sufficient to arouse the dormant energies of the trees and set the sap in motion, which is again and again checked, by its sudden congealation in the alternations of heat and cold, which characterize the climate of the South-west. We have seen the tenderest kinds of the raspberry, the peach, the pear, and many other fruits, growing upon the borders of Lake

Ontario, several degrees north of us, where the ground remained frozen all winter, and the influence of the extreme cold, modified by the waters of the lake, and not a bud of these fruits killed, while with us they suffered severely. The cultivator, then, in the situations more exposed to these alternations, must employ every possible means to guard against their effects. We are inclined to attribute the pear tree blight to an over luxuriant growth, in situations thus exposed to the influence of a bright sun, upon the stem and branches of the trees, after frequent and severe freezing of the sap that has been prematurely set in motion.

3d. *Soil.*—Health, beauty, longevity, and fruitfulness of the trees, as well as the size, fairness and flavor of the fruit, depend much upon the character of the soil. For the growth of healthy trees and fruit a dry soil is indispensable, and where it is not naturally so, it should be under-drained. The cost of under-draining is but a trifle compared with the advantages resulting from it. All the necessary information on this subject, whether upon a small, or a more extensive scale, may be found in a little work entitled "Munn's Practical Land Drainer," to be had at any of the stores where a collection of agricultural books is kept. To give full directions for the preparation of the soil, for any particular class of fruits, would be an easier task than to direct the making of a soil suited to all the fruits of a family garden. From experience, we learn that the apple, pear and plum require a stronger and heavier soil than the cherry or peach, and the quince a more moist (though not wet) soil than either of them. If a soil is too clayey, it will be impervious to water and air; and if too light and sandy, it is quite sure to lack lime, and other soluble minerals, essential to a healthful growth of wood and fruit. Such defects may be remedied by adding such materials as the soil is deficient in. All soils designed for fruit growing, are greatly improved by trenching, and no investment is better made; the trenching should be from two to three feet deep, and some persons even go deeper than this—adding sand, muck, rotten chips or wood-pile dirt, decayed leaves and other vegetable matter, together with stable manure, lime and ashes, each or all according to the character and condition of the soil. A light, sandy soil will be improved by adding a mixture of clay, lime and ashes, and to a heavy, clay soil should be added sand, old tan bark and such materials as will render it more light, porous and warm. Soil for dwarf

trees, whether pear, apple or cherry, requires more attention in regard to enriching materials, both at the time of planting and in after culture, than standard trees of the same kinds, their roots are circumscribed to narrow limits, and do not have so wide a range of pasture as when growing upon their own roots.

4th. *Arrangement or Laying Off.*—The form of the garden often depends upon circumstances beyond the control of the owner, but when this is unrestricted, a square or parallelogram, is preferred, as being more easily divided into suitable compartments, and that is usually the form of most town lots. In such gardens, whether in country or town, we would advise to have a walk, say 6 feet wide all around, within 12 feet of the fence or wall that surrounds or encloses the garden; another similar walk through the centre; cross walks 3 or 4 feet wide, made at suitable distances, making a series of compartments for culinary crops. The borders on each side of the principal walks, may be planted with fruit trees. The small fruits, such as currants, gooseberries, &c., may be planted along the edges of the middle walks. The walls or fence may be used for training grape vines, &c., and the blackberries, strawberries and similar fruits may occupy the wall or fence borders. A garden of half an acre, laid out in this way, will contain a sufficient number of fruit trees, and allow room enough for all the vegetables required by an ordinary sized family.

Large market orchards and fruit gardens may be laid out and arranged in any form and manner best suited to the situation and circumstances, or the taste of the proprietor.

5th. *Selection of Trees.*—Much depends on a judicious selection of trees and varieties of fruit, best suited to the situation and soil. The proportion of the various fruits is also a matter that depends much on the taste and purposes of the proprietor. Some will prefer more apples, some pears, and others peaches, &c., as their partialities happen to run. In small gardens, apples should not be largely cultivated, and those that are planted should be of the finest sorts. The more common, late kinds can be bought in abundance in the market, from more extensive orchards. Pears, for small enclosures, should mostly be on the quince stock, and should be neatly trained in pyramidal form, branching from within six inches of the ground. There are many complaints of failures in cultivating the dwarf pears. These failures chiefly result from two causes, viz: the want of proper varieties, best suited to the

quince stock, and the proper soil and situation in which they are planted,—but more generally from the lack of care and the proper cultivation, manuring and training. The facts set forth by experienced fruit growers at their late meeting in Rochester, N. Y., and published in the last number of the Valley Farmer, are sufficiently conclusive on this point—going to show that no branch of cultivation is more profitable when properly conducted. Cherries, plums, apricots and nectarines, may be planted in large or small proportions, according to the success generally attending the proper cultivation of such fruits in particular localities or soils. The plums, when practicable should always be planted near the doors of the house, at the gates, in pavements in the yard, and the more frequented parts of the garden, for in such situations they suffer less from the depredations of the curculio.

6th. *Planting.*—In garden planting, care should be taken to set the rows of trees along the borders, so far from the walks, as not to encroach upon them when the trees have attained full size. In the body of the garden, or orchard, all the trees of each fruit should, if possible, be planted together—that is, next to each other, giving, if there be any difference in the soil, the lightest and dryest to the peach, cherry, &c., and the heaviest to the apple, pear and plum. In this country, where land is abundant and cheap, we frequently see inexperienced persons planting the trees of the apple and peach together—one row of peaches between the rows of apples, and a peach tree between every two apple trees in the rows, and so of dwarf pears, between the standard pears, with the expectation that the peaches and dwarf pears will soon give place to the apple, and standard pear trees. In this, such persons are quite sure not to be disappointed, at least, in disposing of their dwarf pear trees, for they are generally left, like the harder trees, without cultivation, to contend for the mastery with the grass and weeds, and not one tree in a hundred of them ever bears fruit a second year. Col. Marshall P. Wilder, and other good cultivators of the dwarf pear have trees 20 or 30 years old, now in the most healthy, productive condition, and in Belgium and other parts of Europe, they are three times as old and still vigorous. In regard to peach trees, although apparently not great feeders, thriving well on thin, light soil, yet they seem to produce an injurious effect upon other trees, growing near them, or on apple trees and other crops which are planted upon the site of an old peach orchard. In planting

the various kinds of fruit trees, in a continuous orchard, there is no difficulty in having the rows of the dwarf trees and peach trees in a line, corresponding with the apple, and standard pear trees. If the rows of dwarf pears are set 7, 8 or 10 feet apart, the standard pears may be set in a line corresponding with every second or third row of dwarfs, and so with the peaches.

Apple trees should be set wider apart, each row corresponding with every second or third row of peaches, and every third or fourth row of dwarf pears, according to the distance adopted for the latter.

Pear trees on the quince stock should be planted so deep that the point of union between the stock and the graft will be three inches below the surface of the ground. This secures a more perfect circulation between the stock and the graft, by preventing a contraction of the sap vessels, which occurs in the quince stock, when exposed above ground, to the drying influence of our climate. The pear, moreover, in this condition will throw out lateral roots of its own, which gives permanence and stability to the tree, when it has attained such a size as to require greater support, without materially changing the habit of the tree from a dwarf to a standard. Neglect in this particular has frequently caused disappointment, even to otherwise good cultivators, but experience has now taught them better.

In the present number will be found, in connection with the proceedings of the North Western Fruit Growers Association, a list of fruits recommended for general cultivation between certain degrees of latitude which will serve as a guide to those wishing to plant trees; all the varieties named, however, as adapted to our climate, do not accord with our experience in some locations. For instance the Rhode Island Greening, Hubbardston, Nonesuch and some others, are recommended for the range lying between the 37th and 39th degrees of latitude, when we have never known them to succeed well south of Central Ohio, and always much better north of that line. In a future number we will give a list made up according to our own experience and views, for which we now have not room.

THE PEACH TREE WORM.—Young peach trees are always infested with a white worm, which if not searched out and destroyed, does great injury to the trees. The moth lays her eggs in June in the bark of the tree, near the surface of the ground. The places of the worms may be known by the gum that issues from the wound. Follow the track of the worm with a knife and destroy them. It should be done during winter or spring.

Meeting of the North-Western Fruit Growers' Association, at Alton, Ill.

This Association, held Sept. 29th, was composed of delegates from Illinois, Iowa, Wisconsin, Missouri, Indiana and Kansas, Illinois having by far the largest delegation. The delegates were for the most part nurserymen, and have exhibited in their discussions a vast variety of scientific research, horticultural experience, and a very liberal amount of common sense. Hon. M. L. Dunlap, President, in the chair.

The hall was beautifully and gracefully ornamented with evergreens, shrubs, and floral wreaths. Immediately behind the platform was the word, "Horticultural," painted on cloth in rural letters. Immediately below were the names of "Warder," "Dunlap," and "Wilder," in evergreens, and on the sides of the hall were the names of "Longworth," "Hull," and "Wilder."

CHERRIES.

The general opinion was that nearly all varieties of this fruit were too tender in the West. Dr. Warder, of Cincinnati, stated that the culture of the cherry by the Cincinnatians, was almost a failure, especially on the Morello and Mazzard stocks. The President, (Mr. Dunlap,) said that in his experience, the cultivation of all varieties, excepting the Early May was a failure. He had always been in the habit of grafting the Early May on Morello stocks, and in Cook county it was the only cherry of any value. The Maydukes are tolerably hardy, but they never produced fruit. He had lost every tree of the early Richmond. Other gentlemen thought that the killing of cherries, as in the winters of 1855-'56, might not again occur for a long time.

PEACHES.

In Kendall county, Illinois, the peach-trees were all killed, in the winter of '55-'56, and this was the case with all trees not planted on high ground in Tazewell and Adams counties, but those not destroyed, have borne a good crop the present season. This was also the case in the neighborhood of Cincinnati, Ohio. Rev. Mr. Post stated that a few weeks since peaches were sold in Dunleith, for six dollars per bushel, which in Jackson county only brought forty cents.

PEARS AND BLIGHT.

In the evening, a very interesting discussion, or rather conversation, took place regarding the pear, and the blights to which it has been subjected for the past few years. Mr. Essex, of Rock Island, stated that all the Bartlett pears in his section were killed during the severe winter of '55-'56. Dr. Hull, of Alton, observed that the fire-blight had commenced on the 25th of May, continuing until the 1st of October.—The only remedy that he found to be effectual was root-pruning. He preferred standards to dwarfs. The leaf-blight has proved very injurious in Adams and McLean counties.

Mr. Avery, of Iowa, stated that he had seen a blighted apple tree cured by inserting sulphur in the heart, with an auger. He had not, how-

ever, found out if the sulphur had gone up into the tree.

Mr. Colman, of the *Valley Farmer*, said in many parts of Missouri, and particularly about St. Louis, there was a large number of pear trees, planted by the old French settlers from fifty to one hundred years ago, many of which bore pears of good size and quality. It was a rare thing to find these blighted. Where they have been attacked by the blight, the only remedy was to cut off the part affected. He did not think, as some did, that the blight was caused by insects, but by the weather and atmosphere—sultry weather was generally the precursor of the disease. In planting dwarf trees, he said they should always be planted deep, i. e., that the union of the graft and root should be two or three inches below the surface of the ground.

The President, (Mr. Dunlap,) said he had some very fine dwarf trees planted in his garden in Cook county. As you proceed northward where there are snows on the ground the pear is healthier. The leaf-blight was traveling westward, with the "Star of Empire," and it would visit Missouri yet, there was little doubt. It was more prevalent now in Western than in Eastern Illinois, although two years ago it was exactly the opposite. He considered careful cultivation and drainage to be the most effectual remedy for the blight. Mr. Overman, of McLean Co., stated that by grafting the White Doyenne on the Virginia hedge thorn, he had been very successful. The hedge then grows slow, but makes a beautiful, excellent and hardy pear. Mr. Edwards recommended thorough drainage. The Convention then adjourned till Wednesday morning.

SECOND DAY—REPORT ON PEACHES.

Dr. Warder, chairman of the Committee on Nomenclature, submitted a report on Peaches exhibited. He found the peaches on the table generally correctly named. The specimens from A. and F. Starr, labelled Golden Purple, were believed to be the well known variety known as the Columbian, but the character of the glands does not correspond. [Dr. Warder thought personally, on close inspection, that they did correspond.] The Druid Hill and George IV. are superior. W. S. Miller, exhibited Strong's Mammoth Cling—not of a superior quality. A Blood Free, from John Fitch of the tribe of Indian peaches, is recommended for cutting for the table. A peach, from Mr. Stewart, of Quincy, was found to be of delicious flavor, juicy and fine—size above medium, nearly round, flesh white, becoming red at the stone, skin light yellow, blushed bright red.

STRAWBERRIES.

Mr. Shaw, of Tazewell county, had cultivated Hovey's Seedling, Necked Pine, and Keene's Seedling, but found that the latter brought the best price. Mr. Edwards preferred the Necked Pine.

Mr. Colman said that in St. Louis the market varieties were the Early Scarlet, McAvoy's Superior, Hovey's Seedling, Hudson, Washington, &c. They required some protection during winter, by having straw, litter, &c., covered over them to prevent their being killed and hoed

out by the frequent thawing and freezing. In the North the snow was a protection to them—but in the South West the ground was bare a greater part of the winter. Longworth's Prolific is very productive, and attains the largest size of any variety he had ever seen. With good cultivation, and where the ground has been well trenched, and no weeds allowed to grow, he believed as many bushels of strawberries could be raised to the acre as potatoes.

Capt. Starr stated that the Alton Horticultural Society was convinced of the truth of the Cincinnati theory. The Longworth Prolific he invariably found hermaphrodite, and McAvoy's Superior as invariably pistillate. The Iowa or Washington he found good, and is extensively grown in Alton; but the Longworth Prolific he considered better than either. Of this variety he had thirty-five berries which weighed one pound. They ought to remain a long time on the vine.

The President (Mr. Dunlap,) stated that he had thrown all out of his garden except Early Scarlet, Hudson, and McAvoy Superior. Longworth's Prolific he had not tried. Hovey's Seedling he had tried again and again, and if anybody should require him to plant it again, he should charge rent.

CURRENTS.

Grow well in the West, and all agreed that the old Red Dutch was, all things considered, the best; the White Dutch and Victoria were also approved of.

GOOSBERRIES.

The Houghton Seedling was considered by all as the best variety for cultivation, in consequence of its exemption from mildew.

RASPBERRIES.

Brinckle's Orange was considered the best by several gentlemen, who spoke. Many of the varieties that are hardy farther east, prove tender in Missouri and Southern Illinois.

THE AFTERNOON SESSION

Was devoted to the change of organization of the Association. One party desired to adhere to the Illinois State Horticultural Society; another that it be continued, but that it be called the "Western Fruit-Growers' Association," and thus embrace Missouri; while another party desired to keep the old name—"North-Western"—but that it be open to the States of Ohio, Indiana, Michigan, Illinois, Iowa, Wisconsin, Missouri, Minnesota, Kansas and Nebraska. The latter motion was carried.

EVENING SESSION.

Capt. Starr read a communication from Verry Aldrich, Bureau county, on the best method of propagating the apple. It was an able document, although it inculcated theories which many of the members of the Association repudiated. It was ordered to be published in the Transactions of the Association. The President, (Hon. M. L. Dunlap,) delivered a beautiful and eloquent address on Horticulture. It was replete with the most poetic ideas, and inculcated in a peculiarly happy manner the study and practice of Pomology. It was received with great applause, and a motion passed that

it be published in full in the Transactions of the Society.

NEW MODE OF GRAFTING CHERRIES.

This afternoon the Northwestern Fruit-Growers' Association resumed its sittings. At the commencement of the proceedings, the President, (Mr. Dunlap) presented to the Association a new mode of grafting cherries. The stock should be small, such as are suitable for whip grafting, and grafting at standard height. The stock is prepared in the usual way of whip grafting, without cutting a tongue. The graft is placed on the stock, around which is wound linen thread to hold it in place. One end of the thread is *wound under*, and the other is drawn between the top of the stock and graft to hold it over the place of union till melted grafting wax is put on with a brush.

LIST OF FRUITS RECOMMENDED FOR CULTIVATION IN THE NORTHWEST.

The report of the committee appointed at the meeting at Burlington, to report the best varieties of fruits for cultivation in the Northwest, was then taken up and discussed, and amended as follows:

FRUITS RECOMMENDED FOR GENERAL CULTIVATION BETWEEN 37 DEG. AND 39 DEG. NORTH LAT.

Summer Apples—Early Harvest, Summer Rose, Red Astrachan, Ramey's Sweet, Bough, Golden Sweeting, Sweet June.

Autumn Apples—Fall Wine, White Bellflower, Maiden's Blush, Hubbardston's Nonsuch, R. L. Greening, Buckingham.

Winter Apples—Peck's Pleasant, Wine Sap, Red Canada, Rawle's Janette, Willow Twig, Newtown Pippin, Prior's Red, Small Romanite.

Crabs—Yellow Siberian Crab.

Pears—Seckel, Stevens' Genesee, Doyenne d'Ete, Flemish Beauty, Bartlett, Urbaniste, St. Ghislain, Beurre Diel, White Doyenne, Beurre Claire Eau, Fondante d'Automne, Duchess d'Angouleme, Dix, Winter Nelis, Napoleon, Columbia, Beurre d'Anjou, Lawrence, Beurre Bosc, Easter Beurre, Beurre Brown, Fuller, Henry IV.

Cherries—Gov. Wood, Belle Magnifique, May Duke, Great Bigarreau, Black Tartarian, Gridley, Bigarreau or Yellow Spanish, Late Duke, Belle de Choisy, Common Morello, Kentish or Early Richmond.

Plums—Lombard, Smith's Orleans, Diamond Lawrence, Imperial Gage, Bleeker's Gage, Corse's Nota Benn, Reine Claude de Bevay, Washington, Semiana, Jefferson.

Peaches—Serrate Early York, Late Admirable, Large Early York, Druid Hill, Early Crawford, LaGrange, Bergen's Yellow, Columbia, Oldmixon Free, Smock, George IV, Heath, Late Crawford.

Nectarines—Red Roman, Erluge.

Apricots—Peach, Musch.

Currants—Red Dutch, White Dutch.

Raspberries—Orange, Ohio Everbearing, Red Antwerp.

Grapes—Catawba.

Strawberries—Longworth's Prolific, Hovey's Seedling, McAvoy's Superior.

FRUITS RECOMMENDED FOR GENERAL CULTIVATION BETWEEN 39 DEG. AND 41 DEG. NORTH LAT.

Summer Apples—Yellow June, Summer Rose,

Early Harvest, Dana, Carolina June, Summer Pearmain, Keswick Codlin, Golden Sweeting, Sweet June, Hocking.

Autumn Apples—Maiden's Blush, Rambo, Fall Wine, Autumn Swaar, Rawle's Janette, Newtown Pippin, Wine Sap, Willow Twig, White Winter Pearmain,

Winter Apples—Jonathan, Early Winter Sweet Buckingham, Yellow Bellflower, Downing's Paragon, (new,) Swaar, Fameuse, Fulton, Snow, Peck's Pleasant, Roman Stem, Sweet Nonsuch, White Bellflower.

Cherries—American Heart, Yellow Spanish, Knight's Early Black, White Tartarian, Black Heart, Ox Heart, Elton, Early May.

Plums—Yellow Magnum Bonum, German Prune, Lombard, Chickasaw, (N. L. Shaw,) Green Gage, Blue Imperatrice.

APPLES RECOMMENDED FOR GENERAL CULTIVATION
BETWEEN 41 DEG. AND 43 DEG. NORTH LAT.

Summer—Early Harvest, Early Pennock, Red June, Hocking, Sweet June, Keswick Codlin.

Autumn—Maiden's Blush, Sweet Nonsuch, Fall Wine, Fameuse, Lowell.

Winter—Yellow Bellflower, Ladies Sweeting, Swaar, Herefordshire Pearmain, Wine Sap, White Pippin, White Winter Pearmain, Whitney's Russet, Willow Twig, Minkler, (new,) Talman Sweeting, Ramsdell's Sweet, Jonathan, Baily's Sweet, Fulton.

The plums and cherries in the above list recommended for general cultivation between 39 deg. and 41 deg. were passed informally without action by the Association.

The Grape—Last evening, after the oration of Dr. Warder, a select number of the members being present, the question of the cultivation of the grape was taken up. The discussion, however, if it can be called such, assumed the shape of catechising Smiley Sheppard, Esq., of Putnam county, Ill., on the manner in which he cultivates the vine, in which he has probably been more successful than any other man in the State. He stated that the plan he adopted was a combination of the "renewal cane," and "spur" principles which he found much more advantageous and profitable than any other plan he ever tried. A new branch with side branches is grown every year, and he prepares his ground only by deep plowing. He does not trench the soil. He had grown both the Isabella and Catawba grapes. In the winter of 1855 and '56, his vines were but partially killed, while nearly all his neighbors' vines were entirely killed. Dr. Warder, of Cincinnati, Mr. Dunlap, and others, spoke forcibly of the importance of cultivating the grape. The latter was strongly of opinion that in some portions of the State it could be cultivated as successfully as in any part of Ohio or Missouri. During the course of proceedings the following officers were elected:—C. R. Overman, of Bloomington, Ill., *President*. G. B. Brackett, of Lee county, Iowa; Wm. Stewart, of Adams county, Ill.; N. J. Colman, of St. Louis, *Vice Presidents*. Samuel Edwards, of Bureau county, *Rec. Secretary*. J. P. Reynolds, of Marion county, *Cor. Secretary*. A. R. Whitney, of Lee county, Ill., *Treasurer*.

The Vegetable Garden.

Work in the Orchard and Garden.

We presume that much of the transplanting of fruit and ornamental trees, that should have been done the past fall, has been, as it is too much the prevailing custom, deferred until spring. Spring will be a busy time in preparing for all the crops of the season, and the work of planting the trees, which should receive the most care, will be sadly neglected. In order to facilitate this work, now is a good time, or during any open spell in the winter, to prepare the ground, and dig the holes, and provide a good quantity of rich soil from the woods or fence corners, to fill in around the trees. This labor done, so much is gained on the spring work. Open spells in February often occur, in this climate, when they can be planted to the best advantage, and then they will be ready to commence their growth with the first warm rays of spring. In digging holes for trees, they should always be large, say never less than two feet deep, and three feet is better, and four feet across, removing all the soil that is not rich, and putting in its place the soil gathered for the purpose. This should be thrown in to settle before the trees are planted, so that the trees shall stand no deeper than they did in the nursery. The growth of many newly planted trees is often put back two or three years, if they are not entirely killed, in consequence of too deep planting. Nature is the best guide in this respect, and she never fails to leave her mark indicating the proper depth of planting.

Strawberry beds.—All strawberry beds, if they have not already been attended to, should receive a slight covering of straw, half decayed leaves, or old tan bark. This precaution prevents the plants from being drawn up by the frost and renders the ground soft and light in the spring, insuring a vigorous growth of vines and a fruitful crop.

All the tender varieties of raspberry plants should also be laid down and receive a thin covering of earth. This requires but little labor when the operation is once understood, and without it, it is useless to grow any but the old inferior, hardy kinds.

Roses and Tender Plants.—These should no longer be neglected, but should also receive protection from the severe frosts, a dressing of long manure about the roots, and a slight covering of corn stalks, or evergreen boughs will be all sufficient.

Asparagus and Pie Plant Beds.—These should be well cleaned off and receive a good covering of stable manure, both for protection and to enrich the plants by the drainage from the rains through the manure to the roots.

The Home Circle.

CLOSE OF THE YEAR.

Eighteen Hundred and Fifty-Seven, memorable for many things, is near its close. And ere it goes we would say to all our patrons, let its death see the end of many of our follies, faults, evil habits and feelings. When you shake hands with the old year in farewell, do so with whatever is wrong in your thoughts and life, but say not farewell to the *Valley Farmer*. Your friendship is too precious to last only a year. It is very pleasant to us and is the right arm of our enterprise. The *Farmer* lives by you. You speed on its good work. Let the New Year see your friendly names on our books. With many thanks for past favors and pleasant remembrances we bid you good-bye till Fifty Eight appears.

RELIGION AND THE TIMES.

St. James has declared that religion consists in visiting the fatherless and widows in their afflictions, and keeping ones self unspotted from the world. It is doubtless a good definition—a perfect one. If we understand the “fatherless and widows” to represent all the needy; and keeping “ones self unspotted from the world” to mean the possession of a pure heart, the whole is very plain. We are to do good to all the needy, as we have opportunity, out of a pure heart, from good motives. This last is an important element in pure religion. Good must be done from correct motives. The heart must be right—must love good in preference to evil, right in preference to wrong, it must be principled in good, and when so principled it must do good. It is not religion to be good simply for ones self, nor yet to do good to others. One must both be good and do good to be truly religious. Undefined religion consists of two elements; one is in personal possession, the other in personal action. It is being and doing; it is having and giving. One cannot have true religion and keep it all in his own heart. It will get out among the poor and needy. It will show itself in the life.

Hence we infer that religion as defined by James is for life; to bless life; to keep life unspotted from the world; to keep it under the control of the principles of truth and right. If so, where religion guides the life of a man or a state, the times with that man or state will be good. When religion does not guide it the

times will be bad. The state has made money the standard of value for prosperity, goods, &c., but custom has made it the standard of the times. When money is plenty, business brisk, people say times are good; when money is scarce they say times are bad, as though money was the all in all, without respect to how it is made or where it is got. Now we submit whether money is the true standard of the times, or whether the presence or absence of money really makes times good or bad. We would rather say, religion is the standard; that when religion is scarce times are hard; when religion is plenty times are good. The old Romans used to exclaim sometimes, “Oh, the times, the times!” But they mourned over the profligacy and degeneracy of the people. When the people were corrupt and public functionaries committed frauds and crimes with a high hand, they called the times bad, very bad. When the people were virtuous and their public servants were honest and faithful, they called the times good. They were more correct than we in their estimate of times. Now in the christian era, the prevalence or absence of the christian religion in the hearts and lives of the people indicates good or bad times.

The present hard times are due primarily to the absence of religious principle from the business of the people. Men have become thoroughly “worldly,” as James would say. They are spotted by the world, instead of “unspotted from the world.” They have deceived without scruple; dealt unjustly without the fear of evil consequences; have made money their god; have resorted to unlawful means to get rich; have corrupted the private and public heart. And when they have got money they have used it for the most irreligious purposes, for luxuries, follies, vanities, fooleries, for selfish pleasures, or foolish show. The plentifulness of money in past years has not added to the practice of religion among the people, has not made men better or purer. The simple fact that money is the one great aim of the people, the standard by which men and the times are estimated, is invincible proof that the people are not pure in heart, are not rooted and grounded in honest principle, are not “unspotted from the world.” They live for the world and by the world, and are subject to the allurements of gold and show.

Money! there is as much money in the country to-day as there was three months ago. The people never were richer. The country never was stronger. Crops have seldom been better.

The granaries of the farmer are full. Shops and factories are full of goods. Health everywhere prevails and laborers are abundant. Why then, the hard times? Simply because the people have not been honest and dealt fairly; because their hearts have been idolatrously given to money and its tawdry displays. They have sought and got more money than religion; have speculated more than done good to the needy; have done more for their bodies than souls; have made the poor, poorer, rather than sought to make them better off. "Get all you can," "keep all you get," or use it for selfish ends, have been the practical mottoes of the people. Why should hard times not come to such a people? Why should they not lose confidence in each other? and every man gripe his gold with a death grasp? There have been honorable exceptions—men of noble worth, genuine integrity, who have religiously done the thing that was right and lived like towering shafts of virtue amid general degeneracy. All honor to them.

Now we have a word especially for the farmers. It is simply this. Be content with your calling; pursue it diligently, honestly; religiously cling to every principle of honor; observe the Golden Rule always; furnish employment to as many needy people as possible, and pay them well and treat them well; see that there are no suffering poor in your neighborhood, no widows unblessed, no orphans cast out upon the cold world; educate your children in the practice of virtue; set them no bad examples; teach your households integrity, kindness, industry and frugality; support schools, churches, good institutions everywhere; guard against the allurements of speculation, trade, city life, and all that shall call you away from your legitimate business as good farmers and good men. Such rules lived by, by the farmers, will save them from the evils of hard times, whatever becomes of the rest of the world.

FLOUR PUDDING.

Beat two eggs and a little milk, and stir in five table spoons full of flour, making a batter. Boil one quart of milk and when it boils pour in the batter, stirring well while it is poured in. Let it boil slowly for a few minutes. Eat it with sweetened cream or milk, or whatever sauce suits best your palate. It is a cheap, quick way of making a very pleasant and wholesome dessert.

Wheat meal—unbolted flour, can be used in stead of flour, which to our taste is still better. This is a home dish we prize much. If we could introduce it into general use we should almost esteem ourselves a benefactor.

[For the Valley Farmer.]

HOG KILLING.

BY HETTIE HAYFIELD.

The revolving seasons have brought to our homes the last month of the year, including in their range of business beyond all comparison the most disagreeable duties that devolve on the house wife. But use conquers disgust, and that fact with proper preparation for, and systematic arrangement of the work while in progress, makes even *hog killing* an endurable business. Indeed in large families, we think several hog-killings desirable and certainly economical, as many portions of the animal which are considered the perquisites of the pork house, come in an excellent place at home. It is a pleasure, beside your own well cured bacon, to have a supply of sausages and lard that you can use without any disagreeable doubts of their cleanliness. Before hog-killing you should have your meat house and store room in perfect order and every implement and vessel : equisite, ready for use. There should be on hand a sufficient supply of salt, salt petre, ground cayenne pepper, sage, spices, &c., &c. To have them to hunt up, clean and prepare, is a great back-set to work, while perhaps you are out of doors and rain approaching. Being prepared in your department, I take it for granted that your paragon of a husband has had his pork bred and fed in the most approved style. That during the slaughter a hand has been detailed to look carefully over the heads and feet after the animal has passed off the platform, and after putting them in perfect order, has washed the outside carefully. That a second person, armed and equipped with an abundance of clean water and towels has followed the opener and washed out the inside until a search warrant could find no trace of the murder. In short that you have no room to believe that the animal was humanely allowed to keep a part of his clothing and take a farewell wallow in his old haunts. These pains can surely be taken for home, and such pork we know commands a premium in the family market. Hogs that weigh between two and three hundred pounds are the nicest for family use. Larger than that they are too gross, and do not allow fresh pieces for the table as often as is desirable consistent with good economy. Smaller there is too much bone and the meat becomes too dry.

CUTTING OUT PORK.

This work belongs to the male division of the house, and the master or some well trained old servant will do it up without your ever thinking of it—probably. But lest you should not have had time to teach that old man, or your patriotic lord should have gone to the Presidential election, we will give a few brief hints on this branch of the business. Have the hog laid on his back. Clean the carcass of the lard fat.—Take off the feet at the ankle joints. Cut the head off close to the shoulders; separate the jowl from the skull, and open the upper part lengthways on the underside so as to remove the brains fully. Remove the backbone in its whole length and with a sharp knife cut off the skin,

taking all but about a half inch of fat off the spinal column. The middling or sides is now out from between the quarters, leaving the shoulder square shaped, and the ham pointed, or which may be rounded to suit you. The ribs are next removed partially or entirely from the sides. The fat trimmings from the hams and flabby parts of the sides are rendered up with the backbone strip. The sausage meat is cut from between the leaf fat and the ribs; any other lean pieces are used for the same purpose. The thick part of the backbone being now cut from the tapering bony end you can now proceed to

SALTING.

When your meat is to be pickled it should be heavily sprinkled with salt and drain for 24 hours. When it is to be prepared with dry salt, mix one tea spoonful of pulverised salt-petre to one gallon of salt, and keep it warm beside you. Cut off a hogs ear and with it rub every piece of meat with the salt, on the skin side until it is moist, then lay it down and rub and cover the flesh part entirely with salt. Pack hams upon hams, and sides upon sides, &c., &c., for convenience in getting them to hang up at different times, as they will not all be ready at once. It is likewise best to put the large and small pieces in different divisions. The weather has so much to do with the time that meat requires to take salt, that no time can be safely specified. After three weeks fry a piece from the thickest part of a medium sized ham, if salt enough, all pieces small and of the same size are ready for smoking and the larger ones can wait a few days. The jowl and chine are salted in the same way for smoking. The heads after soaking a day and draining well are salted less heavily and used fresh. The backbones and spare ribs are just sufficiently salted to keep—the last, if the weather is freezing may be kept quite fresh. The feet may be packed away in salt if not to be immediately used and will prove almost as good, at any period of the year as when first killed—they are kept thus much better than in pickle, though ribs, (when the weather makes much salt necessary) keep sweeter in pickle. Many persons turn over and rub their pork once in a week while it is in salt. We have never practiced it nor ever lost a joint. And now having trespassed thus far on the gentleman's province we may as well say that when the pork is ready to hang, the raw side should be well sprinkled with cayenne. About the bones especially a good supply should be laid on. The hams should be hung highest, because there they are least liable to the attacks of insects. A fire place on the outside, communicating with a smoke flue, is preferable for a meat house to any internal arrangement, because it does not heat the room, which, by the way, is the best if lofty, cool and dark. We give a receipt for pickle for pork, and the English method of curing bacon, and then retrace our steps clear back to the slaughter house, as possibly, you may have to direct some novice there.

PICKLE.

One gallon of water, one and a half pounds

of salt, one-half pound of sugar, or a half pint of molasses, one-half oz. of salt petre, and (one half ounce of potash often omitted,) Boil and skim thoroughly, and pour over the meat perfectly cold. It must remain a month if for bacon; and if to keep pork all the year, should be boiled over two or three times in the warm months with an additional cup of salt and sugar.

ENGLISH BACON.

So soon as the meat comes from the butcher's hand, rub thoroughly and fill every crevice with fine salt. Next day scrape off the salt not absorbed, cleanse out the vessel, salt the pork as the day before, repeat this three days. The fourth day use pulverised salt-petre mixed with a handful of common salt, (1-4 pound of salt-petre to 70 lbs. of meat) Then mix 1 lb. of coarse brown sugar and 1 pint of common molasses, and pour over the salt-petre—repeat this four times a day for three days and afterwards twice a day for a month. Then smoke it with maple or hickory, or clean corn cobs.

And now to begin with the beginning of our own proper womanly labor. There should be ready an abundant supply of clean hot and cold water, tubs, buckets, cloths and so on. A long stout table for the ridders to stand by and a tray in which to receive the entrails as they fall from the cavity of the animal's body. The opener should hang the livers, &c., on a pole to cool for purposes, hereafter mentioned. The ridders should proceed as quickly as possible to their business; it is easier done while the intestines are warm. The melts and sweet breads are cut off and thrown into some convenient vessel, then clear the maw of fat, next strip the intestines, being careful not to cut them and so soil the grease. The thin gauzy parts called the veils should be thrown together in one vessel of cold water. The capes into another and the stripplings into a third. The maws and large intestines should be opened, emptied, washed clean and put to soak, to be afterwards used for chitterlings or soap grease. The small intestines are saved and cleansed for stuffing sausages. Close your day's labor by having your fat washed again and put in fresh water to soak; do the same office for your sausages skins and chitterlings.

Your first care after this is the lard. Render up the gut-fat first; having washed it clean put it into your kettles, separated as the day before, because being of unequal bulk it will render up unequally, or else cut up the thick parts very small. You may use a brisk fire until the water is out nearly, when the cracklings are brown and crumble easily, or when the lard will sputter when water is dropped in, it is done. Strain it off into a kettle and when cool put it in what vessel you choose—(hot lard will melt tin or leak through the best wooden vessels.) Leaf lard should be so handled as not to require washing, as water increases the chances of its spoiling. It should be rendered up slower than gut fat as it is easier scorched. Always put a ladle of melted lard in the bottom of your kettle instead of water. Cut up your leaf lard into thin pieces and render it to itself. The strip which comes off the back bone and

other trimmings should be skinned and cut up small; they make good lard but render up slowly. The practice of putting ley in lard which begins to prevail, bleaches but impairs its quality. When you have finished your lard throw all your skins and the fat from around the kidneys, which is usually wormy, into a kettle, and render it up as dirty grease. Subject your cracknels to the strongest available pressure; a patent cider press answers well. Save your cracknels carefully. They shorten a favorite corn bread, make the best of soap grease and are a remunerating treat to your poultry.

SAUSAGES.

Wash your sausage meat in tepid water, but do not soak it, see that it is free from bone, gristle, sinews, &c., &c. Cut it up in small pieces; to 3 lbs. of lean meat, allow 1 lb. of the leaf fat; chop or grind it very fine. Mix in this quantity 3 oz. of salt, 1-2 an ounce of pepper and two table spoons of powdered sage.—When well mixed, cook one and try it; it is easy to add seasoning, therefore be cautious in using it. Your sausage will become more salt as it dries. Add any spice you like.

Bologna Sausage, is made by using one-third of beef, seasoning more strongly, and *boiling after stuffing, before drying*.

FEET.

Under another head, we have said that we consider it best, to salt down the feet instead of pickling. Previous to salting they should be carefully examined, the hoofs taken off, not a hair left; be scalded scraped and soaked until perfectly white. If wanted for immediate use they will be ready for boiling after laying a night in salt water. Many persons boil the feet and ears and keep them in cold spiced vinegar, ready to use cold or to fry; this is termed *souse*. Others boil the heads and feet until they can be freed from bones, and mash to a pulp; this is seasoned with salt, pepper and spices, moulded and kept in vinegar, and termed *pork cheese*.

SAUSAGE SKINS

Are prepared by repeated soakings and washings. Then being turned they are scraped free from the slimy coating, until when blown up they are perfectly transparent. They are again soaked in salt water, several days, changing it every day, and are then filled with sausage meat by some of the various implements devised for that purpose.

BLACK PUDDINGS

Are made by stirring corn meal into the fresh blood of hogs. It is seasoned with salt, pepper and spices; stuffed and used as sausages.

Chitterlings, are made by cleaning the maw and large intestines of the hog. Quick lime will soon enable you to rid them of the slimy coat. Having soaked and washed them until white and inodorous you may keep and use them as you would beef tripe. The livers, kidneys, &c., &c., may be all boiled well with sufficient salt to keep, and a strong seasoning of pepper and kept for your fowls all winter. The livers, however, melts, suet, heads, &c., are esteemed table luxuries, and are kept by sprinkling slightly with salt.

The maws and larger intestines, with any other fat parts, should be thrown into a kettle of weak ley, and boiled until the grease from them rises to the surface. This grease is useful for soap, wool or farm implements.

Lastly the hair of the hog should be saved for mortar, or with proper preparation makes a good mattress, or with the bones may be sent to the compost heap.

FARMERS' BOYS.

Out in every tempest,
Out in every gale,
Buffeting the weather,
Wind and storm and hail,
In the meadow mowing,
In the shady wood,
Letting in the sunlight,
Where the tall oak stood.
Every fitting moment,
Each skilful hand employs—
Bless me! were there ever
Things like farmer's boys?

Though the palm be callous,
Holding fast the plow,
The round cheek is ruddy;
And the open brow
Has no lines and furrows,
Wrought by evil hours.
For that heart keeps wholesome;
Trained in nature's bowers;
Healthy, hearty pastime,
The spirit never cloys;
Heaven bless the manly,
Honest farmer's boys.

At the merry huskings,
At the apple bee,
How their hearts run over
With genial harmless glee
How the country maidens,
Blush with conscious bliss,
At the love word whispered,
With a parting kiss;
Then the winter evenings,
With their social joys!
Bless me! they are pleasant,
Spent with farms' boys.

Bind the Valley Farmer.

Let me urge upon every subscriber to have his numbers bound. They are well worth preserving as a book of reference. When neatly, substantially bound, they are nice enough to grace the centre table of any lady's parlor.

The way I do is this; When I receive the numbers I fasten them together, with a piece of tape, and as fast as I get them I put them on in regular order, putting the last number at the bottom. When all are received for the year, I send them to St. Louis by some of our merchants, and get them bound. The expense is generally from 50 to 75 cents.

If you do not have them bound, be certain to fasten them together, as fast as received. By so doing they will not get scattered, or lost, or destroyed, as is frequently the case. If you take any other monthly periodical do the same as with your Valley Farmer. S. D. C.

Editor's Table.

TO EVERY READER.

The present number closes the volume of the **VALLEY FARMER** for 1857, and with it terminates our contract with many thousands of our subscribers. We believe we have entirely fulfilled the obligations on our part, and have furnished an Agricultural Journal, which, for sound, practical instruction, adapted to the peculiar wants of the great Western Valley, has never been equalled. Our pages have almost exclusively been filled with matter written expressly for the work. That it has been an improvement on the preceding volume, we also think no one will deny.

We are now prepared to enter upon the work of a new year, with the determination to still add improvement, in every department where improvement is possible, and render the **VALLEY FARMER** for 1858 equal in value and importance to any similar work published in any country. Our aim will be as heretofore, to countenance no humbug upon the farming community, but to oppose, with an unshaking independence, error and fraud wherever they appear—to chronicle every real improvement, whether in implements or machinery for farm husbandry, or in the cultivation of the crops of the farm, orchard and garden.

In opening the 10th volume of the **Valley Farmer**, we feel unwilling to part with any of our old friends and patrons, and we think that they will be equally reluctant to dispense with our monthly visits to their domestic firesides. We know that there exists outside, among the wild speculators, stock gamblers, and money changers, what has been termed a "money panic." This, although we regard as but temporary in its operations, has in some degree, effected every industrial class in the community, but the farmer belongs to a class, of all others the most independent. It is from his labors that the wealth of the world is derived, and hence, he is less subject to the influence of financial storms, than any other class, so that we hope no farmer will indulge the excuse that he is unable to renew his subscription. If any are laboring under the straightening influence of the times, it is the best of all reasons why he should aim to improve his practice by their formation afforded in the **VALLEY FARMER**. We do not profess to be wiser than others in these matters, but by devoting our entire time and energies to Agriculture—making it a practical study, and seeking those sources of light and improvement, at whatever cost, that are not always within the reach of the mass of farmers, and concentrating all the result of these efforts within the pages of the **FARMER**,

we candidly think that **None can afford to do without it.**

The circulation of the **Valley Farmer** has been constantly increasing since we took it in our charge; much of this increase has been effected through the generous, voluntary aid of the friends of the work, with many of whom we have not even the pleasure of a personal acquaintance. To these, and all others, who have contributed in any way to swell its list of subscribers to its present large number, we tender our most sincere thanks. It is to a continuance of these kind efforts that we look for a renewal and a very large increase of subscriptions for the coming year, and we would most respectfully ask the favor of every reader of the work, to lend his aid in bringing a knowledge of its merits to the attention of his neighbors. We think that this is all that is necessary to swell our list to twenty thousand subscribers the coming year. At the low rate at which the **Valley Farmer** is published, it will not warrant the employment of special agents, but we hope that every one friendly to Agricultural Progress, will act as an Agent in procuring additional subscribers.

By a notice in this department it will be seen that we offer additional inducements of special premiums, of Agricultural Books, for getting up clubs of subscribers; and also premiums for practical Essays on every branch of husbandry. Similar additional premiums will be offered for Essays, embracing other subjects, in future numbers. These Essays will be published, during the year, which will combine the united experience of many of the best farmers in the West, which will add greatly to the interest and value of the **FARMER**.

CHINESE SUGAR CANE.—We have received a number of communications from persons giving their experience in the cultivation of sugar cane, and the manufacture of syrup therefrom. These communications are generally confined to the details of very limited experiments and afford no additional information to what we have already given. Some experiments have been made upon a more extended scale, conducted by men of high scientific attainments, that we trust will reveal information of the greatest value upon the subject. This will undoubtedly reach us in time for the earliest operations next season, when we shall lose no time in giving it to the public, and unless the favors of our friends afford some additional light, for the reasons we have stated, we should prefer not to publish them to the exclusion of more valuable matter.

EMERY'S JOURNAL OF AGRICULTURE.—We have received the first number of a paper under this title which is to be published weekly at Chicago, Illinois, by Emery & Co. There is ample room upon the broad prairies for our Illinois neighbor, provided the farming community generally are prepared to duly appreciate Agricultural papers. Ten such papers should be taken and read where hardly one is now. We wish the new journal abundant success. Terms \$2 a year.

Agricultural Books as Premiums for Clubs.

Many of our readers, during the present year, have expressed a wish to receive Agricultural books, in lieu of the discount we make to clubs. In order to accommodate such, we make the following proposition:

Any person sending us the names of six subscribers, and six dollars, shall receive an Agricultural book or books, to the value of One Dollar.

Any person sending us ten subscribers, and ten dollars, shall receive Agricultural books to the value of Two Dollars.

Any person sending us thirteen subscribers and thirteen dollars, shall receive Agricultural books to the value of Three Dollars.

Any person sending us twenty subscribers, and twenty dollars, shall receive agricultural books to the value of Five Dollars.

The person sending the club (if of ten or more subscribers) shall also be entitled to an extra copy of the *VALLEY FARMER* one year.

The books to be selected from the catalogue of A. O. Moore, (successor to C. M. Saxton & Co.) Agricultural Book Publisher, which catalogue our readers will find advertised in the present number. The books will be mailed free of postage.

Those wishing to obtain a few leading agricultural books have now an excellent opportunity to do so.

Prospects Improving

The derangement in the financial and business affairs of the country, the natural result of extravagance and unhealthy speculation, arising in a great degree from the improper banking system of our country, has in some measure subsided, and business is beginning to assume its more natural and healthy currents. As early as the tenth of last month the grain trade in the principal markets began to revive. About that time eighteen ships were reported loading at once at the wharves in New York, with grain for Liverpool, and that the aggregate would be about 1,100,000 bushels. It was also stated by a gentleman interested in the business in Chicago, that there was then in store in that city, 25,000,000 bushels of grain. Later advices from Buffalo report quite a revival in the grain trade. There arrived in one day at the wharves of that city 368,154 bushels of wheat, 95, 801 bushels of corn, and 68,000 bushels of oats, making in the aggregate 581,955 bushels, being the largest amount received in one day the present season.

In addition to this, upwards of one million of dollars, in one remittance, was received for the purchase of grain for Europe. Notwithstanding the grain crops generally, of that country, were unusually large and saved in good condition, yet owing to the almost universal destruction of the potato crop by disease, immense demands will be made in this and other countries, for grain to supply this deficiency among the working classes of Europe. By the opening of spring this will greatly revive our trade and place the farmers in a far more prosperous condition than any other industrial class in the country. As to ruling prices, things at present are too much unsettled to arrive at any safe conclusion.

PREMIUMS FOR ESSAYS.

In order to add to the value of the *VALLEY FARMER*, and render its contents more interesting to its readers, by increasing the number and variety of its articles, we offer to the Practical Cultivators, premiums in Agricultural Books, for short Essays on the various subjects connected with Farm Husbandry and Household Economy, which we may from time to time specify. The books to be selected from the catalogue of A. O. Moore, the American Agricultural book publisher. The Essays will be submitted to the examination of competent judges. We will send to the successful competitor a copy of the catalogue of books from which the selections are to be made. The books to be rated at the publisher's prices and sent free of postage.

Our first list will embrace the following subjects, viz: The best Essay on the Importance of a Rotation of Crops.

The best Essay on a Rotation of Crops, in which Wheat is the primary object, having in view the Improvement of the Soil.

The best Essay on a Rotation of Crops in which Hemp is the primary object, having in view the improvement of the soil.

The best Essay on a Rotation of Crops in which Tobacco is the primary object, having in view the improvement of the soil.

For each of these we will send a copy of the Farmers' Encyclopedia, nearly 1,100 pages. Price \$4, or any other book or books of equal value.

The Essays not to occupy more than four pages of the *Valley Farmer*, and to be forwarded to the publishers by the 15th of January 1858.

The best Essay on Preparing and Seeding meadow land, and Baling Hay for market.

The best Essay on the Culture of Tobacco, and Preparing it for market.

The best Essay on the Culture of Potatoes, and the management of the crop for the southern market.

Best Essay on the Culture of Hemp, and preparing it for market.

Best Essay on the Rearing, Management and Fattening of Hogs.

Best Essay on the Rearing, Management and Fattening of Cattle.

Best Essay on the Rearing and Management of Sheep for Wool and Mutton.

For each of these we will send free, a copy of any book or books in said catalogue, of the value of one dollar and twenty-five cents. The essays not to exceed two pages in length of the *Valley Farmer*, and to be forwarded to the publishers by the 15th of January.

The articles which are treated in the clearest and most comprehensive manner in the least space, within the limits specified, will be preferred.

We shall continue our list on various other subjects on the same plan throughout the year, if the proposition meets with favor among our readers.

To OUR FRIENDS OF THE COUNTRY PRESS.—Our friends of the country press who exchange with us, will do us and the cause of agriculture a great favor by calling attention to our prospectus and premiums, before the opening of the new year.

The Valley Farmer for 1858.

We need hardly remind our subscribers that the Valley Farmer is published strictly on the cash principle, and that new books will be opened upon which we enter no name, except upon the receipt of the money. This is rendered absolutely necessary, because at the low price at which it is published, the expense of employing collecting agents would absorb all the profits of the work. In order, then, that we may know how many copies of the January number will be required, we hope that every old subscriber will send in his name immediately, with as many new ones as he can obtain, so that the next number need not be delayed but a few days beyond the usual time of going to press.

This is comparatively a leisure season, and we solicit all who intend to send in their subscriptions or obtain clubs, to do so immediately, so that we can supply the volume for 1858 entire to all.

REMITTANCES.—Agents and subscribers in making remittances for the Valley Farmer to the publishing offices at St. Louis or Louisville, will please procure such bills as go at par with them, and are current with us. To insure safety, all letters containing money should be registered, and the persons sending such letters should carefully preserve the Post-master's receipt, when the remittances will be at our risk.

HETTIE HAYFIELD.—We are gratified to learn from numerous readers of the Valley Farmer that the articles written by our fair correspondent, over the signature of Hettie Hayfield, are duly appreciated, and their value acknowledged by some of the best housekeepers in the country. Few female writers of the present day possess so complete and so general a knowledge of household duties, as are indicated in the series of articles now in course of publication in the Valley Farmer. True economy and substantial home comforts demand, among housekeepers in general, a more thorough knowledge of all the various subjects which she has treated with so much ability. The article in the present number on "Hog Killing," to those who have not heretofore given the subject due attention, is worth the subscription price of the Farmer for a year. As proof of her practical knowledge and skill in the various departments of house keeping, we are pleased to learn that she has been among the most successful competitors at the fall fairs, and has received several valuable premiums on articles exhibited in that department, also a premium awarded at a State fair, on an Agricultural Essay. Her success in the manufacture of syrup from the Chinese sugar cane has been complete, and upon quite an extensive scale.

We are glad to announce that her articles will be continued in the Valley Farmer for 1858.

OUR JANUARY NUMBER.—The first form of our next number will not go to press until about the first of January, in order to give as many of our friends time to renew their subscriptions as possible, before the number is published. Consequently it will delay the mailing of the paper until the 8th or 10th of the month. All subsequent numbers will be issued promptly as heretofore, so as to be in the hands of the most of our subscribers from the 1st to the 5th of the month.

TERMS FOR 1858.—In another place it will be seen that we offer Agricultural books to those who prefer them to the usual discount we make to clubs. This, however, will in no manner conflict with our regular terms, which will be for 1858, as heretofore, viz:

One copy one year.....	\$1 00
Six copies " "	5 00
Ten " "	8 00
Thirteen " "	10 00
Twenty " "	15 00

And one copy one year, free, to any person sending a club of ten or more subscribers at above rates.

THE RURAL ANNUAL AND HORTICULTURAL DIRECTORY, for the year 1858, containing Treatises on Manures for the Orchard and Garden, Garden Furniture, Profitable Fruit Culture, Birds useful and injurious to the Farmer and Horticulturist, Cultivation of Grapes, Rural Architecture, &c., &c. Together with lists of Nurserymen and Agricultural Implement makers in the United States and Canada. Illustrated with seventy engravings.

This little annual is the third in the series, and is fully equal in value to its predecessors, containing a large amount of practical information useful to every one who even cultivates a garden, and to the nurserymen throughout the country it is especially valuable, affording the names and address of all engaged in this useful pursuit. Published by Joseph Harris, of Rochester, New York. Price 25 cents, sent post paid by mail.

SITUATION AS TEACHER WANTED.—An eastern lady, of experience in teaching, and qualified to give instruction in the English branches, and also in the French, German, Spanish and Italian languages, desires a situation as teacher in a young lady's Seminary or in a private family. She is now at the east, and would like a situation about the first of January. She will come with the very highest recommendations, and from what we have heard of her, will give undoubted satisfaction to her employers. Persons wishing any further information will address Editor Valley Farmer, St. Louis.

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Southwestern Seed and Agricultural Warehouse,
Jan. 21. 515, Main street, Louisville, Ky.

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In our new and commodious rooms, No. 140 FULTON STREET, NEW YORK, are to be found the LATEST AGRICULTURAL BOOKS AND PERIODICALS; American, English, French and German.

The number of Works on Agriculture published by us is now greater than that published by any other firm in the world, and we are continually adding to our list.

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"CHAMPION BLACK HAWK."

The undersigned, being about to remove to a thinly populated portion of the West, offers "Champion" for sale. For the information of those not acquainted with the horse, we give below a list of the prizes won by him.

Ohio State Fair, at Columbus, (then three years old,) 1851, first prize of \$30. Pennsylvania State Fair, at Pittsburgh, 1854, first prize \$20. Virginia State Fair at Wheeling, 1854, first prize, \$25. Ohio and Pennsylvania Horse Show, 1854, first prize \$100. Ohio State Fair, at Columbus, 1855, first prize, \$40 Fair at Florence, Ky., 1855, first prize, \$20. Ohio State Fair, Cleveland, 1856—his get, five colts, first prize, \$100. Besides the above, he has taken ten first prizes at County Fairs, amounting in all, with the above, to nearly \$500.

Address, P. MELENDY,
jan. 21. College Hill, near Cincinnati.



HEDGING.

We have about 100 acres planted to Osage Orange in Western Missouri, Iowa, Nebraska and Kansas. Will make hedge fences upon a principle entirely new, that will succeed with or without trimming, possessing five important advantages over the usual system, viz: suffering no injury if frozen down every winter, neither if fire ran through it. Protect stock better against the cold winds, and all the expenses semi-annually, trimming saved. Also not so liable to thin out at bottom. Our nurserymen are authorized to sell plants at \$5 per 1000. The purchaser will be furnished directions for planting upon the above principle; also any person wishing hedging done should let the nurseryman know it, that we may see them when we come. We will take in payment where the amount is sufficient to justify it, horses, mules, jacks, jennets, sheep, &c. Plants may be set any time from the falling of the leaf in autumn to the bursting of the bud in Spring. We design planting nurseries in every county and settlement (where thought practicable) in the States and Territories above named, and northern Texas. Will take contracts to hedge when ten miles or over can be had in the same vicinity. Also hedge for part of the land with or without the land being previously enclosed.

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The subscriber has made arrangements for, and have now on hand a moderate supply of the seed of the above plant, well ripened and may be relied on as GENUINE.

Sufficient to plant about one-fifth of an acre in drills 4 feet by 18 inches, put up in strong linen packages, sent by mail, post paid, on the receipt of One Dollar, or a proportionate quantity by express at purchasers expense.

Order early to secure the seed.

Also, a fall and fresh assortment of GARDEN SEEDS, imported and American growth.

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J. H. LIGHTNER,

No. 83 SECOND STREET,

between, Olive and Locust, St. Louis, Mo.
MANUFACTURER AND DEALER IN

STOVES.

Charter-Oak, Golden Era, and other select patterns—also, Parlor and Shop Stoves, Parlor and common Grates, Sugar Kettles, Dog-Irons, &c. Also—

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Moline, Peoria, Diamond and other patterns for Prairie Breaking, or Fallow; also, Contractor's Iron Plow, for Railroads.

[Jan. '56, 1y.

CHINESE SUGAR CANE, or Soreho Sucre—PURE SEED.

The subscriber hereby informs the Planters, Farmers and Gardeners of the United States, that he has obtained from Dr. PETERS, Esq., of this city, the entire control of his crop of Seed of this valuable plant, some of the properties of which may be briefly summed up as follows:

First. An acre of the stalks properly cultivated, will yield from 400 to 500 gallons of Syrup, equal to the best New Orleans.

Second. It surpasses all other plants for fodder and for feeding green to cattle or hogs, on account of the great abundance of sugary juice which it contains; and sown in close drills, will yield from thirty to fifty thousand pounds of superior green fodder to the acre.

Third. It is so certain and prolific a crop that planters may be sure of succeeding with it as a syrup plant, anywhere south of the State of New York.

This seed, which has been carefully kept pure, is now offered in cloth packages, each containing enough to plant half an acre 4 feet X 11 feet, will be furnished by mail at \$1.30 each, or at \$1.00 if sent by express, freight unpaid.

Dealers in seeds, and country merchants, or persons wishing to plant by the quantity, can be supplied at a liberal discount from retail rates.

A pamphlet containing a full description of this plant, its history, valuable properties, and a plate of the Horse-mill used for crushing, will be furnished by mail to all applicants.

Address, with plain directions for mailing or shipping
Dec. 21. W. P. ORME, Atlanta, Georgia.

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ESTABLISHED 1845, BY WM. M. PLANT.

WM. M. PLANT & CO.,

WHOLESALE AND RETAIL DEALERS IN

**Agricultural Implements and Machines,
GARDEN, GRASS AND OTHER SEEDS,**

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ALSO, NO. 203, FOURTH ST., (TWO FRONTS,) NO. 218, BROADWAY,
between Morgan Street and Franklin Avenue, St. Louis, Mo.

Empire Hay, Straw and Corn-stock Cutter.

This is a new machine, very simple in construction, not liable to get out of repair, and well built, with *One* or *Two Knives*, cutting from 3-4 to 1 inch in length. We have a large supply in store, which we offer with a full guarantee.

Price, with one knife, \$15, \$18, and \$26. No. 2 is the most suitable size, and no Farmer or Stable Keeper should be without one.

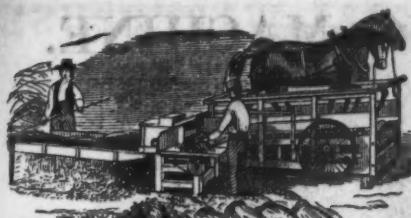
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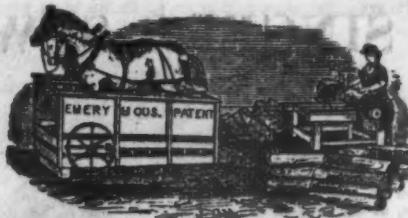
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WM. M. PLANT & CO.



Two Horse Power, Thresher and Separator.
Price—\$200 00.



Two Horse Power with Wood Saw Mill.
Price—190 00.

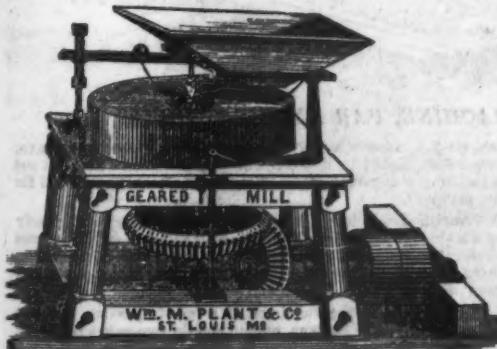
Changeale Railroad Horse Power WITH THRESHER AND SEPARATOR

We have been selling the above justly celebrated Machines, over five years, and can safely say they are the *best* Railroad Horse Power now before the public. Without exception they have given universal satisfaction, not one having been returned, notwithstanding the warranty is broad and liberal. This Power is admirably adapted for driving THRESHERS, CIRCULAR and CROSS-CUT SAWS, PUMPS, FERRY BOATS, PILE DRIVERS, GRIST and CIDER MILLS, CORN SHELLERS, HAY and STRAW CUTTERS, &c. They will admit of four variations of speed, without any change in elevation of Power, and the speed of the horses is *always the same*. This is one of its principal features, which *no other* power possesses. The Two Horse Power, Thresher and Separator, is capable, with four men, of threshing from 150 to 225 bushels of Wheat or Rye, and double that quantity of Oats per day. Price, complete, \$200 00.

A large supply on hand and for sale by

W. M. PLANT & CO.

BURROW'S PATENT GRIST MILL.



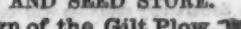
We offer them to the public with a full guarantee that they are superior both in point of work and workmanship, to any other Portable Grist Mill now in use.

Descriptive circular furnished gratis to applicants.

PRICES.

20 inch Stone with Pully	\$115 00	with Gear	\$125 00
24 " " "	135 00	" "	150 00
30 " " "	175 00	" "	200 00
36 " " "	225 00	" "	250 00

The 30 inch, with Gear, is admirably adapted to use with Saw Mills. Bolting Cloth and Belt furnished with Mills when desired, by

ST. LOUIS AGRICULTURAL WAREHOUSE AND SEED STORE.
No. 14 Main street, St. Louis, Mo., 

SINGER'S SEWING MACHINE.

Perhaps there is nothing in this age of improvement, that has effected in so short a time such a complete revolution in domestic economy, as the Sewing Machine. To Mr. SINGER belongs the honor of having brought it to its highest perfection. He has succeeded in combining all the merits of machine sewing and concentrated them in a **Single Machine**. Thoroughly both in America and Europe, who are now enjoying its advantages can attest his success, while both hemispheres have conferred upon his invention the highest honors in the shape of medals and premiums.

**SINGER'S
Wonderful Machine**

Is so simple that a child of twelve years can be taught to operate it in a few hours; while its power, its speed, its fine, yet beautiful seam, its adaptability to every kind of sewing, whether of one fold or a dozen folds of cloth, silk, linen or leather, a lady's garter, boot, or a tough harness trace, the machine performs the work of from ten to fifteen hands with astonishing ease, firmness and delicacy.



IT IS THE FAMILY MACHINE, PAR EXCELLENCE.

SINGER'S SEWING MACHINE makes a beautiful, even, strong, unravelling seam. There is no WASTE OF THREAD, woven up into a useless pile and forming a heavy chain-stitch, liable to be worn away by friction or ravelled out by the slightest accident. It is a well authenticated fact that a garment made by a Singer Machine will sell for considerably more than one made by hand of the same material.

When you buy a Singer Machine, therefore, you feel satisfied that it is not a worthless toy, though sufficiently elegant to grace a lady's boudoir, but that you have got a substantial, reliable article, warranted to do nine-tenths of the sewing of your household in the shortest conceivable time, relieving your wife from the never-ending drudgery of the needle, and preserving her from the long train of diseases concomitant theron, while her cheek shall retain the roseate hue of health and her heart glow with gratitude for her deliverance.

When it is considered that \$1,000 a year is a fair estimate of the earnings of a good operator, the cost of a machine, though apparently large, is in reality a trifle. The Mantua maker should remember that with a Singer machine the finest dress can be made in from one to two hours. The harness maker, shoe maker and tailor, should bear in mind that they might realize a large profit themselves that now goes to the Eastern manufacturers, who all use Singer's Sewing Machines. These machines are sold at

Singer's Western Depot,

65 FOURTH STREET, ST. LOUIS, MO.,

Under the following guarantees, viz: Each machine is

WARRANTED not to get out of order if fairly used!

WARRANTED to be the best Sewing Machine in the world!!

WARRANTED to be the only machine that will sew everything!!!

OR THE MONEY REFUNDED.

All who call will be courteously furnished with every information, whether they are led by curiosity or a desire to purchase. Satisfactory statistics will be exhibited proving the reputed \$10 Sewing machines a humbug and an impossibility.

EDWIN DEAN, AGENT.



HEDGE FENCES.

LOGAN SLEEPER, BRIDGETON, St. Louis county Mo., will attend to all calls for Setting or completely Growing HEDGE FENCE in St. Louis and St. Charles counties, and in Central and Southern Illinois. Gives prompt attention to orders from all places, near and distant.

Osage Orange Seed and Plants, good and fresh, always on hand. Printed Instructions accompany them when desired. Plants can be sent any distance, and set with safety any time during the three months of April, May and June, and in the fall, from the time of the first frost till the ground freezes.

Oc. '56

J. W. SHERMAN'S PRIZE POULTRY.

J. W. SHERMAN'S

PREMIUM



BRAMAH POOTRA

FOWLS.

LIST OF FOWLS FOR SALE.

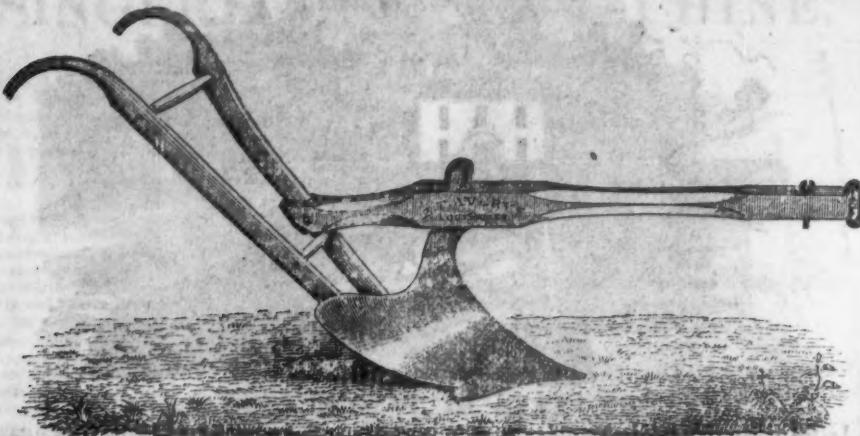
Brahma Pootras, from Brahma Pootra River, Asia.
Royal Cochin Chinas, from the Indian Ocean,
Chittagons, From Asia,

White Shanghais,
Royal Black Cochin Chinas,
Buff Shanghais, from Shanghai Island.

Red Cantons, from Canton, China.

Letters addressed to J. W. SHERMAN, St. Louis, Mo., (post paid) requesting information, will be promptly attended to. ~~ORDERS FILLED AT SHORT NOTICE.~~

mar. ff.



BENJ. F. AVERY'S
Iron Fonndry and Plow Manufactory,

CORNER OF MAIN AND FIFTEENTH STREETS, LOUISVILLE, KENTUCKY.

I am prepared to make to order all descriptions of light Castings, neatly, and at satisfactory prices. My Foundry is intended for doing light work. I Will also make to order, Corn Shellers, Straw Cutters, &c.

I am making, in my factory, the Cast Iron Plow, EXCLUSIVELY. My patterns now number over thirty different sizes, embracing Right and Left Hand and Sub-Soil plows. They have all been made by Thos. Waird, Esq., the patentee of the Livingston county plow; whose skill as a mechanic, and especially as a plow pattern maker, cannot be surpassed. His first effort in this direction, caused the wonderful improvement in plows that has been going on in the State of New York for the last fifteen years. In my own plows, "Avery's Louisville," my great object has been, to shape the mold-boards that they will easily scour and keep bright in the very adhesive and light soils of the West and South. This I have fully accomplished in all my AVEST PLOWS, which approach somewhat the forms of the "Rounder" Steel mold plows. They have been widely tested for more than three years, and in all soils have scoured well. This important truth, that the "shape" of the mold-board, "not the cast iron of which it is made" prevents the plow from scouring, has been most triumphantly demonstrated by these plows. I have a great variety of forms, presenting different angles to the furrow slice, both in elevating and Inverting the soil. Many of my latest patterns have the front cutting angles small, which as they extend back, gradually assume the broad, bold angles of my shorter patterns. The plows of this series have thus far given universal satisfaction. They scour well, and perhaps will do in all soils; whilst they are better adapted to deep, thorough work, than the short plows. I have three sizes of Sub-Soil plows. My largest size, No. 2, has been made with reference to doing deep work. It is probably higher in the standard or helve, than any Sub-soil from other manufacturers.

As a most SUBSTANTIAL evidence of the popularity of my plows, I refer to my regularly increasing sales, especially in those localities where I have been selling LONGEST. In Memphis and its vicinity, last year, when business generally was paralyzed by great scarcity of money, I sold about two thousand plows. For the last three years my sales have increased annually over one thousand, and this season I am prepared to turn out seven thousand. As my foundry is almost exclusively for making plow castings, I am using such metals as are best adapted to that work. Whilst the castings are very tough and strong, they are yet sufficiently hard to form, (in the Points and Edges, a strip as hard as hardened steel, and susceptible of a polish as high.

By referring to the subjoined list of retail cash prices of some of my plows, their cost, as compared with the steel

plows, may be nearly ascertained. One cast iron mold-board plow will last as long as two steel ones; whilst the yearly cost of running it, will be found to be about one half that of the steel plow. The cast point or share can be put upon the plow, by any plow boy, in ten minutes, which will renew all the cutting front, and give to the mold-board and plow, its shape as at first made.—This fact alone is of more value to the planter and farmer, than the entire cost of the best steel plow they can buy.

I am making large quantities of large, SOLID BENT handles, which I will sell at \$10 per hundred. These are made upon a beautifully simple and effective machine, by which any day laborer can bend at the rate of 50 per hour, using the escape steam of the engine for softening them. This machine I have recently patented; which, with the right to use it, I will sell to all who may desire to bend plow handles well and satisfactorily. An oak tree that will split into a thousand handles, can be bent by this machine with the loss of scarcely a single handle. I would also state that I have recently obtained letters patent for valuable improvements on my Louisville Plow.

Retail cash prices, at my factory, of some of my plows, including one extra point for each.

SHORT PLOWS.

No. 13.....	\$3.50	Points 15c each	Single horse.
" 8.....	3.75	20c "	
" 7.....	4.00	25c "	
" 12.....	5.00	30c "	
* 12 B.....	5.25	30c "	Two horse.
	6.00	35c "	

MEDIUM ANGLES.

No. 11.....	\$4.00	Points, 25c each	Single horse.
" 14.....	4.00	25c "	
" 16.....	4.50	25c "	
" 18.....	5.50	30c "	Two horse.
" 19)	These three patterns are now being made.		
" 20)	They correspond very nearly to Nos. 14, 16		
" 21)	and 18—having the look or point instead of being cast solid.		

Wholesale prices in Circular.

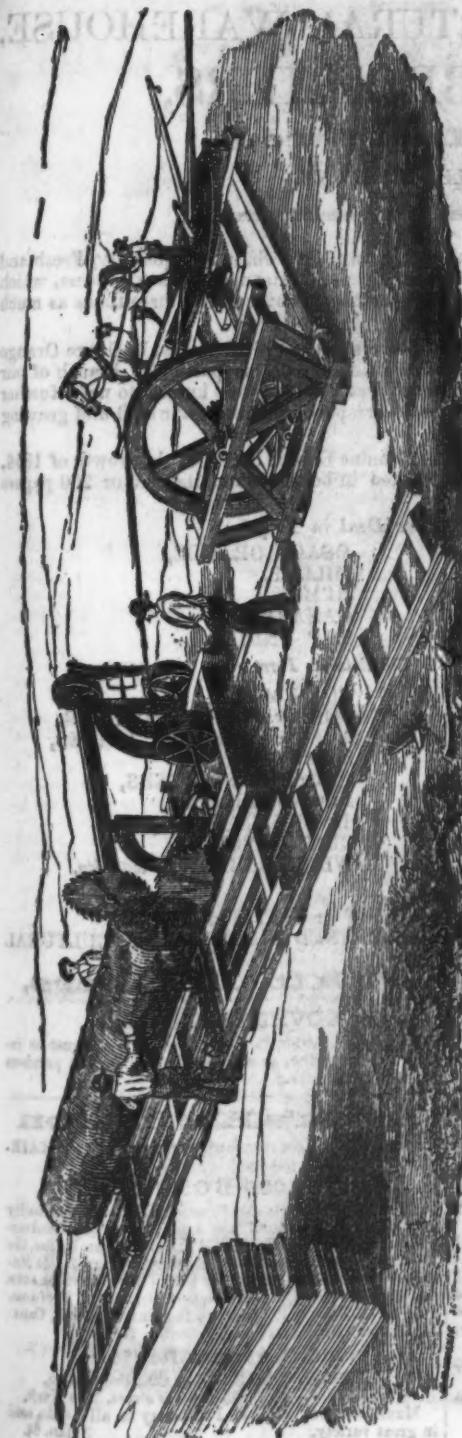
*This plow throws a very high cotton bed.

+This is not so short as the other Nos. but good for deep work.

W. F. FAUST,
PRACTICAL LANDSCAPE GARDENER,

SAINT LOUIS, MO.

Furnishes Plans for the Improvement of Public or Private Grounds. Will also give personal supervision to laying off Grounds. Application may be made in person, or by letter through the St. Louis Post-office.



WHITNEY'S PATENT PORTABLE DOUBLE CIRCULAR SAW MILL.

PATENTED MARCH 4, 1856.

MANUFACTURED BY CLARK & AVERY,

AT THE PEOPLE'S IRON WORKS,

Main street, between Florida and Mulberry streets, North of the Shot Tower, St. Louis, Mo.

The Simplicity, Cheapness, Durability, Strength and Easy Management of this Mill, makes it the best now in use. A glance at its combined improvements cannot fail to convince every person of the superiority over any other for making lumber. It is constructed with two Saws, one above the other, and in line with each other, so as to assist in cutting off the slab, swell, butts and knots, and splitting large logs. The top saw can be moved on the arcs, so as to cut two planks with one run of the carriage, and in cutting fencing it will cut from two to eight boards with the two saws. The after end of the two saw shafts are connected by an arm, which acts as a guid for both shafts, and serves for their adjustment, so as to have complete control of the saws whilst running, and keeping them true with each other whilst cutting. It is capable of sawing 1000 feet per hour, and will work without sawing crooked, in all kinds of timber.

We warrant the Mills to perform in every respect as represented. One of these Mills can be seen in operation at the PEOPLE'S IRON WORKS, where the public are invited to examine for themselves, and any information respecting them will be cheerfully given on application to our Agents, Wm. M. PLANT & CO., No. 14 North Main street, or to ISAAC L. GARRISON, President of the Home Mutual Insurance Company, corner of Main and Vine streets.

Horse Powers and Steam Engines furnished with the Mills at short notice and upon satisfactory terms.
CLARK & AVERY.
St. Louis, September, 1856.

SOUTH-WESTERN,
SEED AND AGRICULTURAL WAREHOUSE,
PITKIN BROTHERS,
NO. 515 Main Street,
LOUISVILLE, KENTUCKY,

KENTUCKY BLUE GRASS SEED.—We are prepared to furnish, in any quantity, Fresh and Genuine Blue Grass Seed, separated from the stem in a superior manner by a new process, which divests it of much of the chaff, and enables a given quantity to cover nearly three times as much ground as the seed usually sold in market.

OSAGE ORANGE SEED.—We are the largest dealers in the United States, in Osage Orange Seed. One of our firm devotes his whole time and attention to this particular branch of our business, and we presume "*Pitkin's Osage Orange Seed*" is too well known to need further comment. Pamphlets, giving all necessary information respecting planting the seed and growing the hedge, furnished to all applicants.

GARDEN SEEDS.—We are prepared to furnish Genuine Garden Seeds, of the growth of 1856, by the pound or by the single paper, or neatly packed in boxes, containing 100 or 200 papers each. A liberal discount made to dealers.

List of Seeds, &c., which we Deal in largely:

**KENTUCKY BLUE GRASS,
ORCHARD GRASS,
RED TOP, or Herd Grass,
TIMOTHY,
CLOVER,**

**OSAGE ORANGE,
MILLET,
HEMP,
CANARY,
TOP ONIONS.**

Our Stock of Implements Consists in Part of

**HORSE POWERS,
THRESHING MACHINES,
MOWERS and REAPERS,
STRAW CUTTERS,
CORN SHELLERS,
WHEAT FANS,
CORN PLANTERS,
GRAIN DRILLS,
CHAIN PUMPS.**

**CORN MILLS,
CORN and COB CRUSHERS,
AGRICULTURAL FURNACES,
MEAT CUTTERS,
SAUSAGE STUFFERS,
PLOWS, all sorts,
HARROWS,
CULTIVATORS,
WHEELBARROWS, &c., &c.**

We are also agents for the sale of the celebrated

"LOUISVILLE HYDRAULIC CEMENT or WATER LIME."

Also on hand and for sale, WHITE SAND, CALCINED PLASTER, AGRICULTURAL PLASTER, WHITE LIME.

Pitkin Brothers,

**SQUIRE'S
UNRIVALLED SELF-DISCHARGING
HORSE RAKE.**

Having obtained LETTERS PAZENT from the United States, for the above, I am now prepared to sell Rights for State, County, or otherwise.

This is THE RAKE of the age,—is adapted for Hay and Grain. Is Superior to ANY other in use. It adapts itself to any unevenness of ground; rakes perfectly clean without threshing out the grain, or wasting the leaf in raking clover, and, at the will of the driver is made to discharge its load by the draft of the horse; therefore dispensing with the excessive labor usually attending all other Horse Rakes. It is simple and durable in construction and easy of management. A boy capable of driving a horse can effectually work this machine. It is also, by slight adjustment of its parts, adapted as a Seeding Harrow, or for cleansing land of corn stalks, Weeds, &c., &c.

A Premium was awarded this Rake at the St. Louis, Mo., Agricultural and Mechanical Fair, Oct. 13, 1856.

Orders and correspondence respectfully solicited by the Inventor.

JOHN J. SQUIRE.

St. Louis, Mo.

ADVERTISEMENTS

To secure insertion in the Valley Farmer, must be received in our office, as early as the 15th of the previous month. See terms.

Lyon's Kathairon

Has now become the standard preparation for the HAIR. Its immense sale, nearly

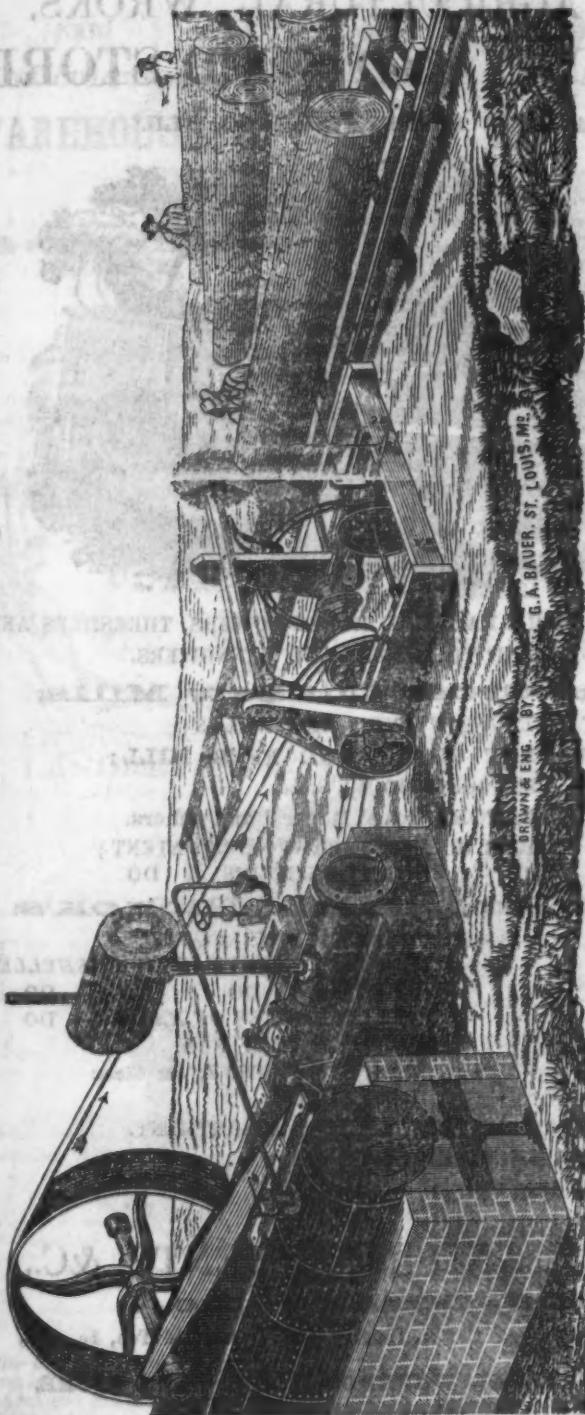
1,000,000 BOTTLES

Per year, attests its excellence and great superiority over all other articles of the kind. The ladies universally pronounce the KATHAIRON to be, by far, the finest and most agreeable article they ever used. It RESTORES the Hair after it has fallen out; INVIGORATES and BEAUTIFIES it, and imparts a Delightful Perfume. Sold by all dealers throughout the United States, Canada, Mexico, Cuba and South America, for

25 Cents per Bottle.

HEATH, WYNKOOP & CO., Proprietors,
63 Liberty street, New York.
Manufacturers, also, of Perfumery of all kinds, and
in great variety.

Jan. 6.



THE ABOVE CUT REPRESENTS A
PORTABLE CIRCULAR SAW MILL,
AS ATTACHED TO STEAM POWER.

These Mills, with steam power, are capable of sawing from three to six thousand feet of lumber per day, varying according to the power applied and kind of timber sawed.

Having the exclusive right of manufacturing for a large portion of the territory of the West and South for Page's Patent Single Saw Mill and Childs' Patent Double Saw Mill, we can furnish either the single or double Mill for steam as preferred.

The "Portable Circular Saw Mill" is better adapted to the wants of the country than any other kind of mill now in use. They can be put in operation at a small expense; are durable and easily kept in order, and will saw more lumber in the same time than any other.

All orders addressed to us will be promptly executed and any information in regard to Mills cheerfully given.

KINGSLANDS & FERGUSON,
PHOENIX FOUNDRY, Corner of Second and Cherry Sts. St. Louis.

CHICAGO AGRICULTURAL WORKS, WAREHOUSE AND SEED STORE,

NO. 204 LAKE STREET, CHICAGO, ILL.



EMERY'S PATENT CHANGEABLE RAILROAD HORSE POWERS, THRESHERS AND SEPARATORS, AND THRESHERS AND WINNOWERS.

Circular & Cross Cut Saw Mills;

PORTABLE GRAIN AND GRIST MILLS;

FELTON'S PATENT GRAIN AND FEED MILL;

GRAIN DRILLS, SEYMOUR'S, PENNOCK'S, MOORE'S, &c.

WHEEL CULTIVATORS, IDES', ROGERS' and others.

CLOVER HULLERS, CRAWFORD'S PATENT;

DO DO MANFIELD'S DO

Cider Mills, Emery's and Hickok's:

HARROWS,	- - - - -	GEDDES' AND SCOTCH,
CORN SHELLERS	- - - - -	SMITH'S PATENT POWER SHELLER,
DO DO	- - - - -	READING'S DO DO DO
DO DO	- - - - -	ALL VARIETIES OF HAND DO
FANNING MILLS	- - - - -	MONTGOMERY FAN,
DD DO	- - - - -	GRANT'S PATENT, Six Sizes:
DO DO	- - - - -	EAGLE FAN.

HAY AND STRAW CUTTERS, A LARGE ASSORTMENT.

PLOWS

BREAKING AND STIRRING.

With a full assortment of

MACHINERY, AND IMPLEMENTS, &c.,

SEEDS, GRAIN, &c.

Wheat, Rye, &c., for Fall Sowing. Clover, Timothy, Blue Grass, Red Top, &c., &c.,
For Sale at

CHICAGO AGRICULTURAL WAREHOUSE AND SEED STORE,
204 LAKE STREET, CHICAGO, ILLINOIS.

HENRY D. EMERY & CO.

NEW
AGRICULTURAL
WAREHOUSE



AND
SEED
STORE

DAVID LANDRETH,

WHOLESALE AND RETAIL DEALER IN

Garden, Grass and other Seeds.

MACHINES, AGRICULTURAL IMPLEMENTS AND TOOLS,

No. 18 South Main street,

SAINT LOUIS, MO.



Manufactured at Landreth's Agricultural Works, Bristol, Pa., and for sale in St. Louis, at his Warehouse, only.

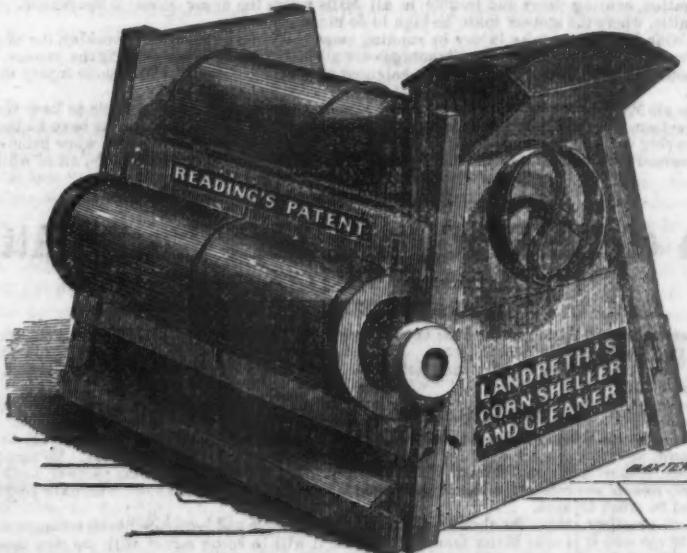
Farmers will take notice, this Sheller has Concave Feeding Wheels and Bevelled Cogs, to prevent choking, and are warranted superior to any other Hand Sheller now in use.

Price \$28.00. A liberal discount to Wholesale Purchasers.

D. LANDRETH.

No. 18 South Main Street.

LANDRETH'S CORN SHELLER AND CLEANER



READINGS'

This machine is truly extraordinary in its power and capacity, and will unquestionably work an important change in the cost of preparing corn for market; and it is by no means too much to say, will save the farmers of the great corn producing States Tens of Thousands of Dollars yearly. With a new one horse tread power, One Hundred and Forty bushels of Ears have been shelled within an hour, not as an experiment, but as ordinary labor. For sale only at

Price with Fan.....\$75 00
" without Fan.....\$60 00

LANDRETH'S AGRICULTURAL HOUSE

No. 18 South Main street, St. Louis, Mo.

[Ja.'56]

M. G. MOIES & CO.,

NO. 16

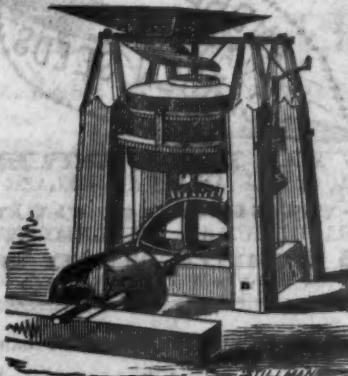
Main street,

ST. LOUIS, MO.

ARE

Sole Agents

FOR THE SALE OF



STRAUB'S CELEBRATED

CORN AND WHEAT MILL QUEEN OF THE SOUTH.

PATENTED JUNE 27, 1854.

This remarkable Mill has been kept secured to the inventor by caveat—recently, however (27th June, 1854)—Letters Patent for the United States have been granted, securing the invention for 14 years. This Mill has sustained itself wherever it has been brought into competition with other Mills. It was run against the other make of Mills of our city at the Ohio State Fair, in 1850, when it drew a Diploma as the best Corn Mill and was awarded a fine silver medal.

Of these mills we manufacture five sizes for corn, and three expressly for grinding wheat flour. The peculiar novelty of this mill is, the under stone is the running stone, in all cases. There is no limit to the speed, and as speed in everything in grinding, it will out-grind any upper runner in the world.

Secondly: By this arrangement, we are enabled to get grain into the Mill with a very small eye; consequently we grind nearer to the centre, and of course with less power than any upper runner can be made.

Thirdly: Our mill takes any kind of grain without shaking. We warrant against choking in all cases. This is a great vexation, causing delay and trouble in all Mills where the upper stone is the runner. Of course, we mean small mills, where the motion must be high to do much business.

Fourthly: Our Mills never take injury by running empty—the under stone not touching the upper one, no injury can be done. This is an important advantage over all Mills whose upper stone is the runner. Ten minutes running without feed—where a heavy runner is balanced on a rye—will do the Mill more injury than six months proper using.

Fifthly: In all Mills where the upper stone is the runner, there is often much trouble to keep the bush properly oiled; if neglected, the Mill must take injury. Our mills are free of this, because we have no bush in the Mill. We have a bearing entirely above all the stones, in sight, and can be oiled at any time when grinding.

We manufacture our Mill stones of the best French Burr Blocks the market affords, all of which we warrant superior.

Queen of the South, with Corn Crusher Attached. COMBINATION MILLS."

PATENTED JULY, 1854.

This Crusher was on exhibition at the Fair of the Mechanics' Institute, last fall, where it was run by steam. It was awarded the first Premium and Diploma. The committee appended the following complimentary remarks:—“We regard Mr. Straub's Corn Crusher the most useful, as well as important invention of the day. Every farmer ought to have one.”

The Cob Breaker is placed immediately over a pair of French burrs, the burrs performing the palverizing; and when they get dull, in a short time can be sharpened, and thus the cutting edges can be restored. Not so with a metal crusher: when the cutting edges get dull, which they soon will do, the crusher may as well be thrown away. In our judgment, no metal crusher ever did, or ever will, make good, soft, fine, cob food. To make this valuable article for stock, it must be ground through mill stones; for, be it remembered, some parts of a cob are as hard as a hickory knot, and, if not softened under a mill stone, is indigestible; and the stock will have frequent attacks of the scours, and be much injured.

Cob feed is an excellent article for sheep, milch cows, mules, cattle and horses—the cob acting as a cooling alloy. In this view of the case it is even better than hay, because it will be better mixed with the corn than hay, and the heating in the stomach prevented.

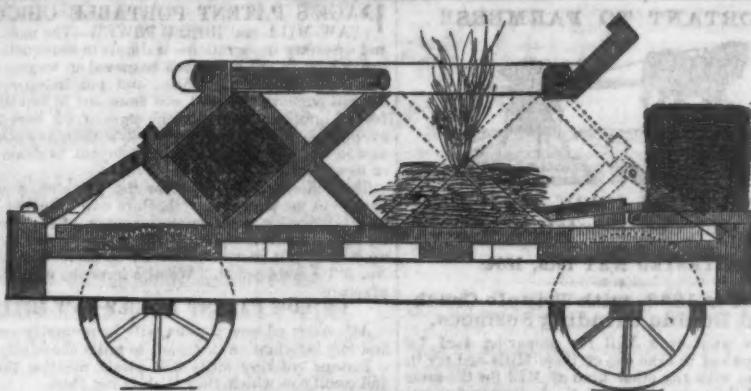
The Cob Breaker can be taken off, and hopper put on the mill, and corn meal for the family can be ground, as well as chopping rye, or any small grain for horse feed, etc.

We place this Cob Breaker on any sized mills, from 14 to 20 inches in diameter.

By steam power, fifteen bushels per hour can be easily made fine from the whole ear of corn; and about three bushels per hour for every horse put in.

For Descriptive Pamphlet apply to the Agents.

Jan. '56.



MANNY'S PATENT PORTABLE HAY AND COTTON PRESS.

PATENTED APRIL 17, 1855.

Manufactured and for sale by H. B. HOWARD, at the Manny Reaper Warehouse, 6th st. near Main,
LOUISVILLE, KENTUCKY.

Being a horizontal vibrating lever press, constructed on wheels; may be drawn from place to place, and is worked with great facility, the hay being put in at one end of the press, while the bale is being hooped at the other, and *vice versa*, pressing a bale at each vibration or movement of the follower; no time being lost in running back the follower; consequently, the hooping and filling may be continued without interruption, which makes it capable of doing a great amount of work. Those who purchase hay for shipping, will find it just the thing that will save them both time and money, and its convenience for pressing hay before it is stored in barns, must make it apparent to all that it is designed to fully meet the wants of the public. The following premiums have been awarded this press, viz: First Premium at the Stephenson County Fair, at Freeport; Ill. State Fair at Chicago, first premium; and at the Indiana State Fair at Indianapolis, first premium; and many other recommendations might be referred to, a few of which are inserted below:

LOUISVILLE, KY.

H. B. HOWARD.

NOTICES OF THE PRESS, AND OPINIONS OF OTHERS.

ARTICLES ON EXHIBITION.

Among a number of articles on exhibition at the County Fair last week, we noticed a few that are specially worthy of commendation on account of their manifest adaptation to the wants which they propose to fill, and worthy the attention of our farmers. Among these we note MANNY'S PATENT HAY PRESS. This press was invented by Pella Manny, of Wadams Grove in Stephenson county, and patented in April, 1855. It strikes us as a very valuable implement, and one that must come into very general use. It is a horizontal double-acting press, in which a bale of hay is pressed by each movement of the lever, while the action of the lever is such that the slow motion of the windlass is dispensed with. It is set upon wheels, and can easily be moved by a span of horses or yoke of oxen, while all the fastening necessary in locating it is simply blocking the wheels. The machinery of this press is really so simple, and so little liable to disarrangement, and at the same time so effective in its operation that we see no reason why it should not soon come into general use. The utility of the work which it is designed to do is apparent to all. Hay pressed is much more valuable than hay unpressed, both for feed and for convenience in storing, and in a country so finely adapted to grazing, pressing must become very general. We understand that Mr. Manny designs taking a model of his press to the State Fair, where it will no doubt receive as much attention as it did at our County Fair.—[Freeport Journal.

NEW AND IMPORTANT INVENTION.

Mr. P. Manny, of Stephenson County, father of J. H. Manny, Esq., of this city, has invented and patented a kind of hay press entirely different from any now in use. The press was on exhibition at the State fair. The Chicago "Times" thus speaks of it:

It consists of a large box, of sufficient strength, mounted on wheels, so that it may be driven to any part of the field, and the hay pressed into bales, without being taken out of the meadow at all. Within the box is a movable partition, worked by an outside lever, which presses the hay into bales at either end of the box. While one bale is being removed the other end is being filled, so that the machine works without interruption. It is calculated to press from twenty to fifty tons per day, and requires two or three men and a horse in the operation.

My. if

[Rockford Republican.

IMPORTANT TO FARMERS!!

IMPROVED LITTLE GIANT
Corn and Cob Plantation Mill,

PATENTED MAY 16th, 1854.

Improved in 1856, with Tripple Crushers and Double Grinding Surfaces.

Persons in want of a Mill for preparing feed for Stock, are invited to take one of these Mills and try it, in comparison with any other kind of Mill for the same purpose. If they are not found to do twenty-five per cent more work, and do it equally as well, if not better, with the same, or less power, no charge will be made for the Mill.

THE IMPROVED LITTLE GIANT, No. 4, will grind from thirty to forty bushels per hour, with three horses.—Price \$60.

No. 3, twenty to thirty bushels. Price \$50.

No. 2, ten to twenty bushels. Price \$40.

Either of these mills may be changed to single grinders in a moment, requiring only half the power.

We have a No. 1 Mill, the old pattern, which is an excellent grinder. Price \$30. Grinds from four to eight bushels per hour with one horse.

The variation in quantity will be owing to the quality and condition of the corn, and the degree of fineness of grinding.

In regard to durability, we say, that No. 4 will last to grind 40,000 bushels, at least, before it fails to do its work well. Other sizes will be found equally durable in proportion to their size.

Jan. 56. JAMES B. CHADWICK,
No. 68 Locust street, between 2d & 3d, St. Louis, Mo.

SIGERSON'S
SEED STOREAND
AGRICULTURAL WAREHOUSE,

Corner of Broadway and Wash Streets, St. Louis.

THE undersigned beg leave to acquaint their numerous customers in the West, that they will have for sale this spring, the largest and best selected stock of Field, Garden and Flower Seeds, ever offered for sale in this market; and to which will be added a large and complete stock of

AGRICULTURAL IMPLEMENTS, Embracing every conceivable variety likely to be wanted by Farmers and Gardeners. They pledge themselves that their stock for the Spring has been selected from the most reliable manufacturers in the East, and with unusual care.

They flatter themselves that their experience in Agriculture and Horticulture, has enabled them to make such selections as will give the most entire satisfaction to their customers. JOHN SIGERSON & BRO.

Agricultural and Horticultural Books.

THE undersigned take pleasure in stating to their former patrons and the public generally, that they have now on the way from the East, by Express, the most full, complete, and best selected stock of Agricultural Books ever offered in the West. A Descriptive Catalogue of Agricultural Implements, Field, Garden, Flower seeds, Agricultural and Horticultural Books, &c., will be forthcoming in a few days, and will be furnished to all post paid applicants free of charge.

JOHN SIGERSON & BRO.

Corner of Broadway and Wash st.,
St. Louis, Mo.

PAGE'S PATENT PORTABLE CIRCULAR

SAW-MILL and HORSE POWER.—The most useful and necessary in operation—is simple in construction, and easily kept in order, and can be moved on wagons as readily as a threshing machine, and put in operation at a small expense. It will saw from one to two thousand feet of lumber a day, with one team of six horses, as an average business, and in better style than any other mill now in use. It is equally well adapted to steam, water or horse power.

The undersigned, agents for the patentee, would announce to the public that they are now prepared to furnish Mills, with or without horse power, of superior quality and workmanship, with the right to use the same, upon the most favorable terms, at their manufactory, No. 202 Second street. We also have the right to manufacture

CHILD'S PATENT DOUBLE SAW-MILLS.

All orders addressed to us will be promptly executed and any information in regard to mills cheerfully given.

Persons ordering mills will please mention the State and county in which they wish to use them.

KINGSLANDS & FERGUSON.

ARE YOU SICK?



Then you can't be cured too soon. Don't delay until your complaints is incurable, and then mourn when it is too late. Four fifths of all the diseases which people the church yards, might be cured by Ayre's Cathartic Pills, if taken in season. Don't go dragging through the Spring, faint, sleepy and listless, because your blood is loaded with bile. Don't wear the Headache, Heartburn and their kindred disorders, because your stomach is foul. Don't parado yourself around the world, covered with Pimples, Blotches, Ulcers, Sores, and all or any of the unclean diseases of the skin, because your system wants cleansing. Don't shew yourself about, lean, haggard, all caved in, because your stomach and Bowels need strengthening into action. Ayre's Pills set these things right as surely as water quenches fire. They purify the body and blood, and restore their functions into healthy activity which you can feel as quick as they are taken. They are the one great medical wonder of the age, recognized by all who know their virtues, and many thousands know them. Take the CHERRY PECTORAL for a cough, and the PILLS for all derangements requiring a purgative Medicine.

Prepared by JAMES C. AYER, Practical and Analytical Chemist, Lowell, Mass.—And sold by BERNARD, ADAMS & Co., St. Louis, and all druggists.

St.

NURSERY.

JULIUS MALLINCKRODT, near Augusta, a Port on the Missouri River, St. Charles Co., Mo., has a large supply of Fruit Trees and Plants, for sale this season 1856, '57, consisting of

Winter Apples,	Peaches,	Apricots,
Fall do	Cherries,	Plums,
Summer do	Pears,	Catalpas, &c.

Agency in St. Louis at the
MISSOURI SEED STORE AND AGRICULTURAL WAREHOUSE,

J. & A. LARGUE,

No. 4, North Main Street.

GEORGE KINGSLAND,
DAVID E. FERGUSON:

KINGSLANDS & FERGUSON,
Phoenix Foundry!

195, 198 & 200, Second Street, St. Louis, Mo.

MANUFACTURERS of PAGE'S PATENT PORTABLE SAW-MILLS, CHILD'S PATENT DOUBLE SAW-MILLS and HORSE POWERS: COX & ROBERTS' PATENT THRESHER and CLEANER.

Threshers with and without Separators, Lever Powers, Endless Chain or Railroad Powers, Corn and Cob Crushers, Corn Shellers, Plows, Bark Mills, and Mill Machinery.

CASTINGS of every description, made to order at short notice.

Jan. '56.

MOWING & REAPING MACHINES COMBINED,



Manny's Patent.

The subscriber is now manufacturing extensively this Machine in Louisville, for the coming harvest.

It is generally admitted that this is the best and ONLY successful Combined Mowing and Reaping Machine now before the public of either Continent. The universal satisfaction it has given throughout this country and France during the last harvest, is perhaps unparalleled.

Of the One Hundred Machines manufactured and sold by me last season, not one has been returned; and the purchasers generally have informed me that they performed better than was recommended, as may be seen by numerous letters now in my possession, some of which are published below.

The Machines are well built, and of the best material. They run entirely on wheels, rendering it the lightest draft of any of the machines now before the public, and can be run from field to field as easily as a cart. It can be changed for either purpose of Mowing or Reaping in less than five minutes. In cutting grain, the driver, while on his seat, can regulate it so as to cut the stubble from Three to Eighteen inches high, according to the condition of the grain, whether standing or fallen.

The Two Horse Machines are warranted to cut from Eight to Fifteen acres of grass or grain in a day, requiring only a driver in mowing, and a driver and raker in reaping.

Since the last harvest several very Important and Valuable Improvements have been made and patented, rendering it more complete and perfect than any harvester now manufactured. I shall be prepared to fill any orders by the first of January 1856. Persons intending to order Machines, will do well to send in their orders early, that they may be shipped while the rivers are in good stage. Descriptive Catalogues will be sent to those who order them.

I have also for sale a very large variety of other Agricultural Implements, among which may be found

Horse Powers and Threshers, Straw Cutters, Corn Shellers and Plows of various sizes and patterns. Also a variety of

Grass Seeds, &c.

WAREHOUSE on SIXTH STREET,
between Main and Market streets,

LOUISVILLE, KY.

H. B. HOWARD.

CERTIFICATE.

EMINENCE, KY., October 8th, 1855.

Mr. H. B. HOWARD, Dear Sir:—Having bought one of Manny's Combined Reaping and Mowing Machines, manufactured by you, and the season being now over, I shall, agreeable to promise, inform you how I succeeded with it.

The Wheat and Rye in this vicinity was more or less blown down. I cut grain and mowed grass for ten or twelve different farmers. I went into field of grain that I did not reap with it, nor meadow that I did not mow, whether standing or fallen, and cut 300 acres with it, and it is not materially worn. I like the machine because it is adjustable to standing or fallen grain, as well to long or short straw, and because it is manageable with two horses, and what it lacks in width of swath is chiefly gained in the gait of the horses, and in turning at the corners; and more especially, because in cutting grain that is rather green or wet with the dews and tangled, if the machine cut a wider swath than five feet, with the

outer-bar lowered sufficiently to save it, it would be an overmatch for the raker. I can therefore heartily recommend the machine as having succeeded to my satisfaction and that of my neighbors, as a labor-saving machine, far beyond what was contemplated.

Respectfully, S. T. DRAKE.

VOLNEY, KY. Nov. 19th, 1855.

MR. H. B. HOWARD, Dear Sir:—I am very much pleased with the Reaper and Mower you sent me last spring. It performed far beyond my expectations; and as a Combined Machine I have no doubt it is the best that is used in this country. You will have a good many applications from this part of the country, as all seem to prefer it as a Combined Machine, to any other.

Respectfully, RICHARD BROWDER.

FLORENCE, ALA., June 20th, 1855.

MR. H. B. HOWARD, Louisville, Ky., Dear Sir:—I have finished cutting my wheat, and am pleased to say that the Reaper performed well; in fact, it has gone beyond my expectations, executing the work much better than the scythe. Some ten or twelve gentlemen witnessed the operation, and I believe every one decided for the Reaper.

Respectfully yours, W. H. KEY.

EMERY'S PATENT CHANGEABLE HORSE POWER, Thresher, Separator, Saw, &c., &c.

The subscribers are now prepared to contract for the delivery of these justly celebrated Machines for the season of 1856.

Our prices for the Two Horse Power with Thresher and Separator, &c., will be 150 dollars, delivered on board of any conveyance in the city, or we will deliver on the Mississippi river, at the terminus of any Rail road running from Chicago, for 200 dollars.

This will give to those wanting in Upper Missouri, Iowa, Minnesota and Wisconsin, an advantage over buying at any other point in the West.

CAUTION—Should be observed in buying the Horse Power, that the genuine

EMERY'S PATENT

Are obtained, as none are made except they bear the stamp and brand of

EMERY'S PATENT, 1856.

MANUFACTURED BY
EMERY BROTHERS.

This remark is made because the reputation of the Power has induced IMITATIONS to be thrown into the market and are of inferior construction and workmanship.

Full and Descriptive Catalogues are furnished gratis to all on application. HENRY D. EMERY,
m'y. 204 Lake street, Chicago, Ill.

THOS. J. WALKER & CO., AGENTS AND MANUFACTURERS OF FARMING MACHINES AND IMPLEMENTS, Belleville, Illinois.

The advertisers are now manufacturing PLOWS, and will, in season, make

WHEAT AND OTHER SEED DRILLS
which they warrant equal to any other similar machines. Farmers wishing a good Planter, will be furnished with further particulars on enquiry by letter or otherwise.

McCormick' Reapers and Mowers

FOR 1856,

will be superior to any other machine for cutting small grain and grass, in any condition in which such may be found in the field, whether the same be fallen, tangled, leaning or standing. Those wishing to secure a reliable Harvester should send in their orders early—immediately, as the demand will greatly exceed the supply, as has been the case for several seasons past, during the period of our agency.

THOS. J. WALKER.

if.

Belleville, Jan. 1, 1856.

COMBINATION PATENT PORTABLE UPRIGHT SAW MILL.

In presenting to the public the claims of this Machinery, we will state that its production is the result of the combined efforts of several of the most practical machinists and saw-mill men in the country.

During the last few years we have examined many new inventions and appliances in this connection, and have consulted with several thousand mechanics, fully experienced in the use of machinery for the manufacture of lumber. During the last year we have sold and shipped to various parts of this continent, nearly one hundred steam mills, the results of which have afforded us a large amount of practical information, as to the difficulties to be overcome, the defects to be guarded against, and the objects to be obtained in machinery of this character.

The Mill we now offer does not claim its superiority from any single improvement or patent which it may embrace, but as a combination of all the most valuable improvements which could be included within a single machine, added to which are several new appliances, lately patented, and others for which patents have been applied. It has been thoroughly and practically tested, and has been examined by a large number of well-known and scientific mechanics, whose certificates we shall soon publish, all of whom pronounce it more simple in its construction, more durable and more efficient in its operation than any mill ever before produced.

THE MOTIVE POWER.

The engine and boiler which have been planned and constructed for driving the "Combination Mill," are so compact and substantial, and so easily managed that almost every extensive planter or farmer would find them as convenient and valuable for the farm or plantation as a span of horses or a yoke of oxen. No one need be deterred from becoming the possessor of this motive power, by apprehensions of difficulty in running or taking care of it, for it is so simplified as to be within the comprehension of any judicious person, who will note the instructions always furnished with it.

The engine is nine feet long, has an eight inch cylinder, eighteen inch stroke, with feed pump attached to and operated by the engine. The driving pulley, which also serves for balance wheel, is 5 feet in diameter and 10 inch face.

The boiler is of locomotive construction, 10 feet long, containing 44 tubes, 2½ inches in diameter and 6 feet long. The shell is 34 inches in diameter. The fire box 38 inches long and 28 inches wide; smoke pipes 18 inches in diameter and 30 feet long.

The engine and boiler which we usually furnish, may be rated at Fourteen horse power, which is sufficient to drive the mill, together with a circular saw, shingle mill, a small grist mill, or other machinery of a similar character. As surplus power is of great advantage, this is the power we always furnish with the mill.

PRICES.

We furnish these mills and powers as described above, including all the screws, bolts, beltings, grate bars, saw, pump, wrenches, crowbars, and everything necessary to be used in and about the mill in running, excepting the two long bed pieces and the wood work of the carriage, which can easily be made anywhere, the whole put up and boxed, and delivered to this city, on board the desired transportation line, for \$1,650, with the addition of freight from New York, say \$125.

To parties desiring a larger power, we will furnish an engine and boiler of eighteen horse power, constructed in the same style as the above, with a mill containing an eight foot saw, and other parts corresponding, for \$2000.

The above are our lowest cash terms, payable on delivery in the city.

FORTABILITY AND FREIGHTAGE.

The mill and power, as described above, all complete, weighs five tons, as follows:

Boiler, with connections.....	3,400 lbs.
Engine.....	2,400 lbs.
Mill.....	4,200 lbs.

The whole establishment, with four or five yoke of oxen, either upon carts, wagons, or trucks, can be easily moved at the rate of from 15 to 20 miles per day. The entire machinery can be taken apart and put together again in a very few hours time. Thus the necessity of moving the logs a long distance to the mill, is entirely obviated, as it is much cheaper to move the mill to the logs. As it will be perceived there is no mason work required, and no building, unless the parties choose to erect a rough shed to protect it and the operators from the weather.

HOW MUCH IT WILL DO.

The speed of this mill is about three hundred strokes of the saw per minute, and the feed from $\frac{1}{2}$ to $\frac{2}{3}$ of an inch for every stroke, depending upon the character of the timber. Thus, at a medium speed the saw would cut through a log 12 feet long in from one to two minutes. From this data, any practical man can see that it is capable of cutting about 3500 feet of inch boards in 12 hours.

It will saw more rapidly than any mill we have seen, while its advantages over the circular mill are, that it is cheaper, requires less power to run it, is much less liable to get out of order, is much less expensive to repair, when damaged, makes less imperfect work, wasted less in cutting, is not dangerous to the parties attending it like the circular mill, and is capable of cutting much larger timber.

The segments and friction wheels we furnish for the carriage are twenty-four feet long. An extra length will be sent when desired, and an extra charge made. The pump sent is worked by the engine, and is sufficient to raise water about twenty feet. Where it is desirable to raise water to supply the boiler, from a great depth, a force pump will be furnished and an extra charge made for it. Drawings and explanations are sent with each mill, also a complete model, showing all the parts put together on a small scale, with each part numbered the same as the corresponding part on the machinery of the mill. Thus assurance is made doubly sure, that no one can fail to put up the mill and run it without difficulty.

The "Combination Mill" is confidently offered to the public as the most simple, efficient and practical machine for manufacturing lumber ever produced.

All orders should be addressed to Bragg & Burrows, St. Louis, Mo., sole agents for the West.

P. S. One of these mills can be seen at any time in operation, in St. Louis, by calling at our office, corner of Third and Market streets.

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SOUTH-WESTERN AGRICULTURAL WORKS, LOUISVILLE, KENTUCKY.



RALSTON'S CELEBRATED THRESHER, SEPARATOR AND CLEANER.

The above engraving accurately represents these unrivalled machines, and we are now engaged in manufacturing them in the city of Louisville, Ky.

We claim for Ralston's Cleaner, the following advantages over all other machines of a similar character:

1st. It does up all the work by one operation, in the most desirable manner, thoroughly threshing out the wheat, whipping and shaking all the straw as it passes over the carrier, so as to shake out any loose grains carried in the straw.

2nd. It has two fans and two sets of riddles. The first blows out all the dirt and chaff, and separates the chaff, cockle, gravel, sand and small grass and weed seeds. The second separates the wheat with an additional shake and, blast, and delivers it well cleaned on either side of the machine, at sufficient height from the ground to attach a grain bag, while the white caps are passed back to the feed board, to enter the thresher with fresh sheaves.

3d. The riddles are patented, and constructed of sheet iron, punched in such a manner as to allow the wheat and heavy substances to pass through, while the chaff, straw and threshed heads roll off without any possibility of choking them. Riddles constructed on any other plan will choke.

4th. The rope driving-belts, as well as the carrier-belts, are made of the best belting leather, which can be tightened or loosened in a moment by twisting or untwisting. These belts are more durable and less liable to get out of order than any other kind, while carriers formed of cast iron links are constantly liable to break and get out of order.

5th. Its durability and strength—being constructed of thoroughly seasoned wood, and the best quality of wrought and cast iron.

6th. Its ease of draft, and the amount of good work—greater than any other machine can be made to perform with the same power and number of hands.

7th. The ease with which it can be transported on common country wagons—three or four hands can load or unload in fifteen or twenty minutes. Directions for loading and unloading accompanying each machine.

8th. Our straw carriers are made of seasoned split hickory of the toughest quality, instead of turned ash, as many others, which are much more liable to break.

9th. The power is attached to the thresher by means of a tumbling shaft instead of a band, and this will be found a great advantage in all machines intended for threshing.

WARRANTEE.

In offering these machines to the public, we warrant every machine to be well made and to do good work to the satisfaction of the purchaser, or we will refund the money on return of the machine.

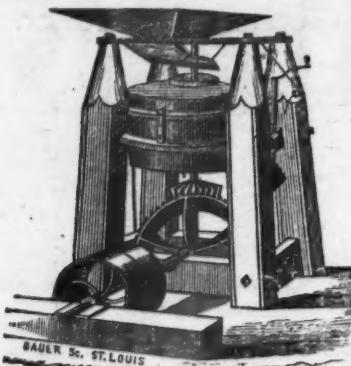
We make at present but one size of these Cleaners.

No. 1 Thresher, Separator and Cleaner, with power for eight horses, complete, \$310, delivered on steamboat or cars.

A liberal discount made to dealers. Orders from abroad promptly attended to.

MUNN & CO.,

SOUTH-WESTERN AGRICULTURAL WORKS, Louisville, Ky.



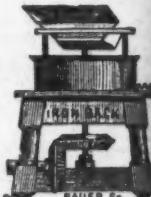
G. & C. TODD & CO.,

MILL FURNISHERS,

NO. 112 NORTH MAIN STREET

Corner of Morgan street,

SAINT LOUIS, MO.



TODD'S IRON BACK MILLS.

The construction of this Mill is simple and very durable. There is no complication in any part of it. The Stones are adjusted and operated in the same manner as in ordinary flour mills. The Mill can be entrusted with safety to the charge of any careful hand, and cannot fail to give entire satisfaction.

Todd's Improved Pressure and Self-regulating Mills.

These Mills are in extensive use, and are highly commended. Their construction is the same as the Iron Back Mills, differing only in the substitution of Pressure for weight of Runner. The weight of the Runner is sufficient for ordinary grinding, say from six to eight bushels per hour. When desired to do more, the Pressure applies to the extent required for the increased feed. It graduates and applies itself.

TODD'S CHALLENGE.

The under Stone of this Mill revolves.

For more than fifteen years we have been engaged in manufacturing these Mills, closely observing their performance, with a view to making such improvements as our experience might suggest. And now, we believe our Mill is the best of the kind in use. They are made with great care, and the distribution of metal throughout the whole arrangement is made with a view to strength and durability.

The principal objection to mills with the under stone for runner, is, First, the difficulty of keeping the stones in TRAM. Second, the stones being confined between unyielding points, rendering it difficult to discharge, without risk of breaking, harder substances than grain; for instance, nails, &c., that might, and which often do, fall between the stones. The first, we have overcome by a simple arrangement of adjusting screws at four equi-distant points in the bed plate, and corresponding screws in the upper rim of the frame in which the upper stone is secured. The screws are convenient of access, and the stones can be brought to a true level or Tram with ease and accuracy. The second and most serious objection is obviated by the application of Elastic Springs at four equi-distant points, so arranged as to receive the entire resistance of the stones in their grinding operation, and to yield for the discharge of hard substances with facility, and without risk to the mill. These springs are durable and do not add to the complication of the machinery.

BELTING.

For four years we have been manufacturing this article. One of the firm is an experienced and skilful workman, who gives his personal attention and labor to this department; every foot of belting passes through his hands, and if not suitable is condemned. Our machinery is of the most approved kind, and our leather is tanned in whole hides, selected expressly with reference to its fitness for belting.

Rubber Belting Hose and Steam Packing.

We are the only agents of the Boston Belting Company in this city, for the sale of these goods.

FRENCH BURR MILL STONES.

To this department of our business we have been to great expense in obtaining the best material produced by the quarries in France. Our stock is selected at the quarries, by one of the firm, who spends a portion of his time there. In selecting for our Portable Grain Mills the best article is obtained without regard to cost. Our stock is always large.

BOLTING CLOTH.

This article, so difficult to obtain of superior quality, is made expressly for us. Our orders are in the hands of the manufacturers a year in advance, that they may have time to select the best material (Silk) and employ their most skilful workmen, that they may produce the quality we want. We refer to the mill owners in the country, and especially in this city, respecting this article.

PRICES OF GRAIN MILLS.

2 foot Grain Mill with Pully	\$135,	Geared.	\$160.
2½ " " "	170,	"	200.
3 " " "	225,	"	265.
3½ " " "	275,	"	330.

Screen Wire, Wrought Iron Spindles, Mill Picks, Hoisting Screws, Regulating Screws, Damall Irons, Calcined Plaster of Paris, Copper Rivets, Lace Leather, &c., constantly on hand.

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TRATED
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paid.

Jan. 20

1,000 BUSHELS OF FRESH MACLURA SEED!

We have now on the way from Texas the above named quantity of superior seed of the new crop. The present limited and unceasing demand for plants induced us to make every effort to procure seed sufficient for our own use, as we were early apprised of the lightness of the crop. By the activity of our agents in Texas, we have secured almost the entire yield. The seed are expected to arrive by the first of February, and will be promptly shipped to previous orders, from Bloomington, St. Louis and Cairo. Persons wishing Fresh seed should send us their orders immediately, with plain directions for shipping, as delay will result in disappointment. Our price will be reasonable, as we have adopted the motto of "Cash sales and small profits." Explicit directions will be given, and seed prepared for vegetating, for those who desire it. Address **OVERMAN & MANN,**

Bloomington, Illinois,
or MUDD & HUGHES, Commission Merchants,
265, St. Louis, Mo.

BOOKS FOR FARMERS AND THEIR WIVES.

American Farm Book, by Allen.	\$1.00
American Fruit Garden, by Barry.	1.25
Baist's Kitchen Gardener.	.75
Baist's Flower Garden Directory.	1.00
Baist's Farmers' Instructor, 2 vols.	1.00
Complete Farmer and Gardener, by Fessenden.	1.25
Grape Grower's Guide.	.65
Loudon's Ladie's Flower Garden Companion.	1.25
Thomas on Farm Implements.	1.00
Stephens' Book of the Farm.	4.00
Dad's Horse Doctor.	1.25
Dad's Cattle Doctor.	1.25
Guenon on the Milk Cow.	.65
Mason's Farrier and Stud Book.	1.25
Morgan Horses, by D. C. Linsley; New & valuable	1.00
Stewart's Stable Book.	1.25
Younatt on the Horse.	.50
Younatt and Martin on Cattle.	1.25
Farmer's Land Measure, by Peider.	.50
Mrs. Hale's Cook Book, \$1. Miss Leslie's do.	1.00
Miss Beecher's do 75c. Miss Widdifield's do.	1.00
All, the other good Cook Books, besides many other useful works for the Farm and the House; and a large stock of Standard Books, and Stationery.	

Send by mail, or otherwise, or call at

J. M. CRAWFORD'S, 30 & 32 Chestnut street,
Next door to the Office of the "Valley Farmer,"
Feb. 26, St. Louis, Mo.

CHINESE SUGAR CANE SEED.

The subscribers have made arrangements for, and have now on hand a moderate supply of the seed of the above plant, well ripened and may be relied on as GENUINE.

Sufficient to plant about one-fifth of an acre in drills 4 feet by 18 inches, put up in strong linen packages, sent by mail, post paid, on the receipt of One Dollar, or a proportionate quantity by express at purchasers expense.

Order early to secure the seed.

Also, a full and fresh assortment of GARDEN SHEDS, imported and American growth.

FIELD SEEDS and GRAIN of the most desirable kinds.

FLOWER SEEDS, the finest variety. Full Catalogues gratis on application. HENRY D. EMERY & CO., Jan. 21. No. 204 Lake street, Chicago, Ill.

500 COPIES JUST RECEIVED. A BOOK EVERY FARMER SHOULD POSSESS. "The ILLUSTRATED REGISTER OF RURAL AFFAIRS, and CULTIVATOR ALMANAC," for 1857. Embellished with One Hundred and Thirty Engravings. Published by Luther Tucker & Son. Price \$2 per dozen. Single copies 25cts. On the receipt of Twenty-five cents in postage stamps, we will forward to any address, by mail, one copy, prepaid.

PITKIN BROTHERS,

Southwestern Seed and Agricultural Warehouse,
Jan. 21. 515, Main street, Louisville, Ky.

TO FARMERS AND GARDENERS

The subscribers offer for sale 40,000 barrels of their

NEW AND IMPROVED

POUDRETTÉ,

Manufactured from the night-soil of New York city, in lots to suit purchasers. This article (greatly improved within the last two years) has been in the market for eighteen years, and still defies competition as a manure for Corn and Garden vegetables, being Cheaper, more Powerful than any other, and at the same time Free from any disagreeable odor. Two barrels (\$3 worth) will manure an acre of corn in the hill, will save two-thirds in labor, will cause it to come up quicker, to grow faster, ripen earlier, and will bring a larger crop on poor ground than any other fertilizer, and is also a preventive of the cut worm; also it does not injure seed to be put in contact with it.

The L. M. Co. point to their long standing reputation, and the large capital (\$100,000) invested in their business, as a guarantee that the article they make shall always be of such quality as to command a ready sale.

Price, delivered in the city free of charge and other expense—

One barrel.	\$2.00
Two barrels.	3.50
Five barrels.	8.00
Six barrels.	9.50

And at the rate of \$1.50 per barrel for any quantity over six barrels.

A pamphlet, containing every information, will be sent (FREE) to any one applying for the same. Our address is—

THE LODI MANUFACTURING CO.,
Office, 66 Cortland St. New York.

EVERGREENS, EVERGREENS.

ELLWANGER & BARRY, having an immense stock of Norway Spruce, offer them in quantities at the following very low prices—all transplanted, strong and bushy plants:

5 feet	\$50 per 100,	\$400 per 1000
4 "	30 "	250 "
3 "	22 "	200 "
2 "	15 "	140 "
1 1/2 "	12 "	110 "
1 foot	8 "	60 "
6 inches	5 "	45 "

Wholesale Catalogues for spring of 1857, now ready, sent to all who enclose a post stamp.

ELLWANGER & BARRY, Mount Hope Nurseries, Rochester, N. Y. Jan. 31.

AGRICULTURAL HEAD-QUARTERS.

1857.

In our new and commodious rooms, No. 140 FULTON STREET, NEW YORK, are to be found the LATENT AGRICULTURAL BOOKS and PERIODICALS; American, English, French and German.

The number of Works on Agriculture published by us is now greater than that published by any other firm in the world, and we are continually adding to our list.

All interested in Agriculture are invited to send us their name and address, that we may furnish them with our Catalogue, and from time to time such other documents as may prove interesting to them.

Books sent by mail, post paid, on receipt of price, Ja. 21. C. M. SAXTON & CO., Agricultural Book Publishers, 140 Fulton St. N. Y.

LATOURETTE & WYMAN,

MANUFACTURERS OF

LINSEED AND CASTOR OILS.

OFFICE AND WORKS, Corner of Second & Columbia Sts.
SAINT LOUIS, MISSOURI.

Cash paid for Flaxseed and Castor Beans.

ST. LOUIS AGRICULTURAL WAREHOUSE AND SEED STORE,

ESTABLISHED 1845, BY WM. M. PLANT.

WM. M. PLANT & CO.,

WHOLESALE AND RETAIL DEALERS IN

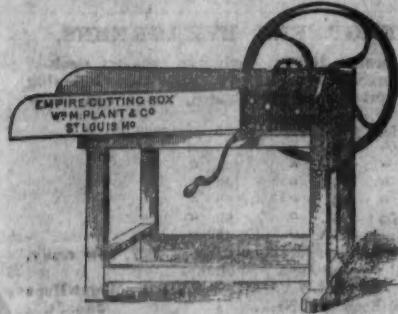
Agricultural Implements and Machines, GARDEN, GRASS AND OTHER SEEDS,

No. 14 North Main Street, between Market and Chesnut sts.,

~~the~~ SIGN OF THE GILT PLOW.

ALSO, NO. 208, FOURTH ST., (TWO FRONTS,) NO. 218, BROADWAY,
between Morgan Street and Franklin Avenue, St. Louis, Mo.

Empire Hay, Straw and Corn-stock Cutter.



This is a new machine, very simple in construction, not liable to get out of repair, and well built, with One or Two Knives, cutting from 3-4 to 1 inch in length. We have a large supply in store, which we offer with a full guarantee.

Price, with one knife, \$15, \$18, and \$20. No. 2 is the most suitable size, and no Farmer or Stable Keeper should be without one.

CONSTANTLY ON HAND AND FOR SALE,

HORSE POWERS,
THRESHERS and SEPARATORS,
MOWERS and REAPERS,
STRAW and HAY CUTTERS,
CORN SHELLERS,
IRON MEAT CUTTERS,
HARROWS and HORSE HOES,
PLOWS, many kinds,
AGRICULTURAL FURNACES,
FAN MILLS,
GRIST MILLS,
SAW MILLS,
CORN and COR MILLS,
SEED and GRAIN MILLS,

AGRICULTURAL TOOLS,
HORTICULTURAL TOOLS,
BOOKS,
TIMOTHY SEED,
CLOVER “
RED TOP “
ORCHARD GRASS SEED,
BLUE GRASS “
HEMP “
MILLET “
CANARY “
GARDEN SEEDS,
FLOWER “

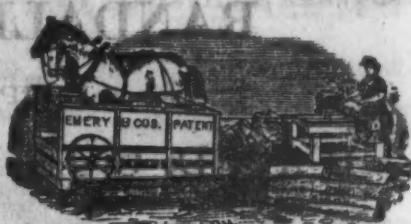
CHINESE SUGAR CANE AND CHINESE HEMP SEED.

Soon after the middle of February our Descriptive Catalogue, with prices, will be from press, which we mail to applicants gratis, when a three cent stamp is received to prepay postage.

WM. M. PLANT & CO.



Two Horse Power, Thresher and Separator.
Price—\$200 00.



Two Horse Power with Wood Saw Mill.
Price—190 00.

Changeable Railroad Horse Power

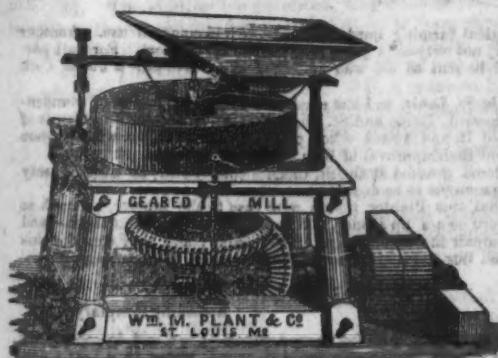
WITH THRESHER AND SEPARATOR

We have been selling the above justly celebrated Machines, over five years, and can safely say, they are the *best* Railroad Horse Power now before the public. Without exception they have given universal satisfaction, not one having been returned, notwithstanding the warranty is broad and liberal. This Power is admirably adapted for driving THRESHERS, CIRCULAR and CROSS-CUT SAWS, PUMPS, FERRY BOATS, PILE DRIVERS, GRIST and CIDER MILLS, CORN SHELLERS, HAY and STRAW CUTTERS, &c. They will admit of four variations of speed, without any *change* in elevation of Power, and the speed of the horses is *always the same*. This is one of its *principal features*, which *no other power possesses*. The Two Horse Power, Thresher and Separator, is capable, with four men, of threshing from 150 to 225 bushels of Wheat or Rye, and double that quantity of Oats per day. Price, complete, \$200 00.

A large supply on hand and for sale by

W. M. PLANT & CO.

BURROW'S PATENT GRIST MILL.



THESE Mills are composed of the best quality of French Burr Blocks, enclosed in a Cast Iron Case to give strength and weight to the Stone which is indispensable in small Mills, where the stone is run with great speed, and becomes dangerous if not strongly made.

They can be run with Steam, Horse, or Water Power and do not require a millwright to set them up, as they are already trimmed to run.

By the steady application of Three Horses on a good Lever Power, the 24 inch geared Mill (\$150) run 240 revolutions per minute—will grind from 5 to 8 bushels of good meal per hour, and will grind Wheat as well as Corn. The 30 inch Mill, if put to its fullest speed, will grind from 10 to 15 bushels per hour.

We have been agents for these superior Mills since 1852, and all have been sold on a warrant to perform as above, and not one has failed to give the very best of satisfaction.

We offer them to the public with a full guarantee that they are superior both in point of work and workmanship, to any other Portable Grist Mill now in use.

Descriptive circular furnished gratis to applicants.

PRICES.

20 inch Stone with Pully	\$115 00	with Gear	\$125 00
24 " "	135 00	" "	150 00
30 " "	175 00	" "	200 00
36 " "	225 00	" "	250 00

The 30 inch, with Gear, is admirably adapted to use with Saw Mills. Bolting Cloth and Belt furnished with Mills when desired, by

ST. LOUIS AGRICULTURAL WAREHOUSE AND SEED STORE.
No. 14 Main street, St. Louis, Mo., 

RANDALL & JONES'

IMPROVED

HAND CORN PLANTER;

Manufactured and sold by E. LEIGH,

Office with SMYTH & GORE, Commission Merchants, 38 Commercial street, St. Louis, Mo.

WITH THIS PLANTER
One Man
 Will Plant and Cover
TEN ACRES A DAY,
 —AND—
Do it Well
 IN STRAIGHT ROWS
BOTH WAYS.
 IT SAVES
 Half the Laying Off
 —AND—
ALL THE COVERING.



THIS MACHINE IS
NOT AN EXPERIMENT.
 IT HAS BEEN
Thoroughly Tested
 —FOR—
THREE YEARS
 BY MANY OF
Our BEST FARMERS
 AND HAS TAKEN RANK AS
A FIRST CLASS
 Agricultural Implement.

This Planter is now fully proved to be a truly practical farming implement adapted to common use. Another year's experience has given it a still higher character, not only as a good planter, but as the best. For full particulars and testimonials see my circular, which will be sent to all who write for one. Randall & Jones' Corn Planter took the

FIRST PREMIUM at the late Agricultural Fair in St. Louis, and has received the highest marks of commendation at every fair where I have exhibited it. In Howard, Boone and St. Charles counties, special committees of practical farmers (some of whom had thoroughly tested it, and tested other planters in comparison with it) were appointed to examine and report upon it, and expressed their approval of it in the strongest terms.

The following from the highly complimentary Diploma granted at the St. Charles county fair, in which county it has been largely and thoroughly tested for two years, ought to be decisive:

The committee having examined, &c., "Report that this Planter plants with ease to the laborer, as much as three hands can plant in the usual way,—that the corn comes up sooner, and is cultivated with less labor,—and that the close dropping done by the planter does not impair the development of the stalks; and they consider this Planter so very worthy of notice, that they recommend our Association to call the attention of our farming community to it."

St. CHARLES, November 6, 1856.

JOS. H. ALEXANDER,

Recording Secretary.

"Having used this planter two seasons—planting 150 acres with it the present season—I can and do endorse every word of the above certificate. This year, two hands, on my farm, planted **SIXTEEN ACRES** in a half a day with a couple of these planters."

JOS. H. ALEXANDER.

PRICE AND WARRANTY.

Price \$10, with the privilege of returning it, if, after planting five acres (or more if desired) it does not suit. I desire no man to keep it who does not prefer to use it after giving it a fair trial.

I WARRANT IT TO GIVE BETTER SATISFACTION.

I am willing to have it put in competition with any other planter or mode of planting. If any man doubts its **superiority** and will write to me, I will furnish him with the evidence of it, for I have it in abundance, having traveled extensively in this State and in Tennessee, being able to point to the men and the facts.

It will plant in Drills, or in Rows both ways. It will scatter in the hill, or put the seed close together. It will plant deep or shallow—in the bottom of a furrow, at the side of it, or two feet away from it, or in the top of a ridge. It will plant any how and anywhere, provided there is depth enough of earth to deposit the seed in.

This it has done, and will easily do again.

Feb. 50, 3t.

SOUTH-WESTERN AGRICULTURAL WORKS, LOUISVILLE, KENTUCKY.



RALSTON'S CELEBRATED THRESHER, SEPARATOR AND CLEANER.

The above engraving accurately represents these unrivalled machines, and we are now engaged in manufacturing them in the city of Louisville, Ky.

We claim for Ralston's Cleaner, the following advantages over all other machines of a similar character:

1st. It does up all the work by one operation, in the most desirable manner, thoroughly threshing out the wheat, whipping and shaking all the straw as it passes over the carrier, so as to shake out any loose grains carried in the straw.

2nd. It has two fans and two sets of riddles. The first blows out all the dirt and chaff, and separates the ches, cockle, gravel, sand and small grass and weed-seeds. The second separates the wheat with an additional shake and blast, and delivers it well cleaned on either side of the machine, at a sufficient height from the ground to attach a grain bag, while the white caps are passed back to the feed board, to enter the thresher with fresh sheaves.

3d. The riddles are patented, and constructed of sheet iron, punched in such a manner as to allow the wheat and heavy substances to pass through, while the chaff, straw and threshed heads roll off without any possibility of choking them. Riddles constructed on any other plan will choke.

4th. The rope driving-belts, as well as the carrier-belts, are made of the best belting leather, which can be tightened or loosened in a moment by twisting or untwisting. These belts are more durable and less liable to get out of order than any other kind, while carriers formed of cast iron links are constantly liable to break and get out of order.

5th. Its durability and strength—being constructed of thoroughly seasoned wood, and the best quality of wrought and cast iron.

6th. Its ease of draft, and the amount of good work—greater than any other machine can be made to perform with the same power and number of hands.

7th. The ease with which it can be transported on common country wagons—three or four hands can load or unload in fifteen or twenty minutes. Directions for loading and unloading accompanying each machine.

8th. Our straw carriers are made of seasoned split hickory of the toughest quality, instead of turned ash, as many others, which are much more liable to break.

9th. The power is attached to the thresher by means of a tumbling shaft instead of a band, and this will be found a great advantage in all machines intended for threshing.

WARRANTIES.

In offering these machines to the public, we warrant every machine to be well made and to do good work to the satisfaction of the purchaser, or we will refund the money on return of the machine.

We make at present but one size of these Cleaners.

No. 1 Thresher, Separator and Cleaner, with power for eight horses, complete, \$310, delivered on steamboat or cars.

A liberal discount made to dealers. Orders from abroad promptly attended to.

MUNN & CO.,

no.tf.

SOUTH-WESTERN AGRICULTURAL WORKS, Louisville, Ky.

AGRICULTURAL
WAREHOUSE



AND
SEED
STORE

DAVID LANDRETH,

WHOLESALE AND RETAIL DEALER IN

Garden, Grass and other Seeds.

MACHINES, AGRICULTURAL IMPLEMENTS AND TOOLS,

No. 18 South Main street,
SAINT LOUIS, MO.

Manufactured at Landreth's Agricultural Works,
Bristol, Pa., and for sale in St. Louis, at his Ware-
house, only.

Farmers will take notice, this Sheller has Concave
Feeding Wheels and Bevelled Cogs, to prevent choking,
and are warranted superior to any other Hand Sheller
now in use.

Price \$28.00. A liberal discount to Wholesale Pur-
chasers. D. LANDRETH.

No. 18 South Main Street.

LANDRETH'S CORN SHELLER AND CLEANER

or as you can a dozen in
a sheller, but now
a sheller will do this in
a hundred bushels of corn
and more, and can't
more time to be spent.

or as you can a dozen in
a sheller, but now
a sheller will do this in
a hundred bushels of corn
and more, and can't
more time to be spent.

or as you can a dozen in
a sheller, but now
a sheller will do this in
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more time to be spent.

or as you can a dozen in
a sheller, but now
a sheller will do this in
a hundred bushels of corn
and more, and can't
more time to be spent.

This machine is truly extraordinary in its power and capacity, and will unquestionably work an important
change in the cost of preparing corn for market; and it is by no means too much to say, will save the farmers of
the great corn producing States Tens of Thousands of Dollars yearly. With a new one horse tread power, One
Hundred and Forty bushels of Corn have been shelled within an hour, not as an experiment, but as ordinary
labor. For sale only at

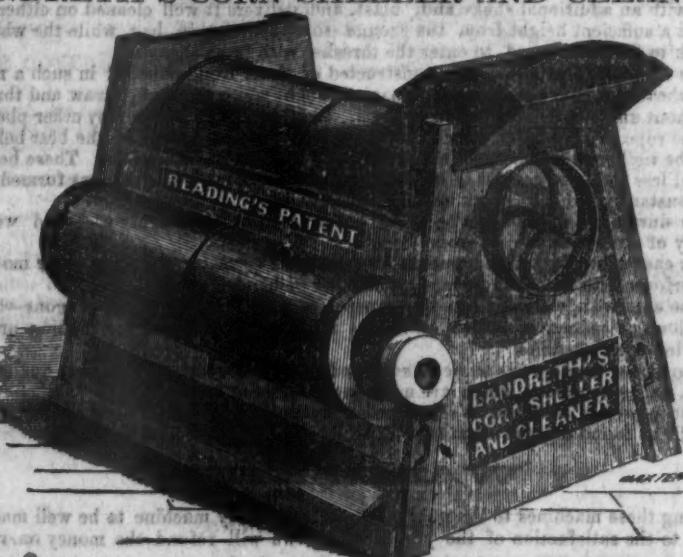
LANDRETH'S AGRICULTURAL HOUSE,

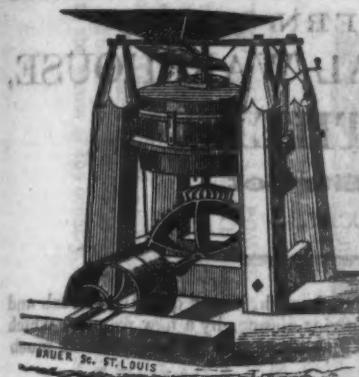
No. 18 South Main street, St. Louis, Mo.

Price with Fan.....\$75.00

" without Fan.....\$60.00

[Apr. '56]





G. & C. TODD & CO.,

MILL FURNISHERS,

NO. 112 NORTH MAIN STREET

Corner of Morgan street,

SAINT LOUIS, MO.



TODD'S IRON BACK MILLS.

The construction of this Mill is simple and very durable. There is no complication in any part of it. The Stones are adjusted and operated in the same manner as in ordinary flour mills. The Mill can be entrusted with safety to the charge of any careful hand, and cannot fail to give entire satisfaction.

Todd's Improved Pressure and Self-regulating Mills.

These Mills are in extensive use, and are highly commended. Their construction is the same as the Iron Back Mills, differing only in the substitution of Pressure for weight of Runner. The weight of the Runner is sufficient for ordinary grinding, say from six to eight bushels per hour. When desired to do more, the Pressure applies to the extent required for the increased feed. It graduates and applies itself.

TODD'S CHALLENGE.

The under Stone of this Mill revolves.

For more than fifteen years we have been engaged in manufacturing these Mills, closely observing their performance, with a view to making such improvements as our experience might suggest. And now, we believe our Mill is the best of the kind in use. They are made with great care, and the distribution of metal throughout the whole arrangement is made with a view to strength and durability.

The principal objection to mills with the under stone for runner, is, First, the difficulty of keeping the stones in place. Second, the stones being confined between unyielding points, rendering it difficult to discharge, without risk of breaking, harder substances than grain; for instance, nails, &c., that might, and which often do, fall between the stones. The first, we have overcome by a simple arrangement of adjusting screws at four equi-distant points in the bed plate, and corresponding screws in the upper rim of the frame in which the upper stone is secured. The screws are convenient of access, and the stones can be brought to a true level or tram with ease and accuracy. The second and most serious objection is obviated by the application of Elastic Springs at four equi-distant points, so arranged as to receive the entire resistance of the stones in their grinding operation, and to yield for the discharge of hard substances with facility, and without risk to the mill. These springs are durable and do not add to the complication of the machinery.

BELTING.

For four years we have been manufacturing this article. One of the firm is an experienced and skillful workman, who gives his personal attention and labor to this department; every foot of belting passes through his hands, and if not suitable is condemned. Our machinery is of the most approved kind, and our leather is tanned in whole skins, selected expressly with reference to its fitness for belting.

Rubber Belting Hose and Steam Packing.

We are the only agents of the Boston Belting Company in this city, for the sale of these goods.

FRENCH BURR MILL STONES.

To this department of our business we have been to great expense in obtaining the best material produced by the quarries in France. Our stock is selected at the quarries, by one of the firm, who spends a portion of his time there. In selecting for our Portable Grain Mills the best article is obtained without regard to cost. Our stock is always large.

BOLTING CLOTH.

This article, so difficult to obtain of superior quality, is made expressly for us. Our orders are in the hands of the manufacturers a year in advance, that they may have time to select the best material (Silk) and employ their most skilful workmen, that they may produce the quality we want. We refer to the mill owners in the country, and especially in this city, respecting this article.

PRICES OF GRAIN MILLS.

2 foot Grain Mill with Pully	\$125.	Geared	\$160.
2 1/2 " " "	" 170,	" 200.	
3 1/2 " " "	" 225,	" 265.	
4 " " "	" 275,	" 320.	

Screen Wire, Wrought Iron Spindles, Mill Picks, Hoisting Screws, Regulating Screws, Dam-sall Irons, Calcined Plaster of Paris, Copper Rivets, Lace Leather, &c., constantly on hand.

SOUTH-WESTERN.
SEED AND AGRICULTURAL WAREHOUSE,
PITKIN BROTHERS,
NO. 515 Main Street,
LOUISVILLE, KENTUCKY,

KENTUCKY BLUE GRASS SEED.—We are prepared to furnish, in any quantity, Fresh and Genuine Blue Grass Seed, separated from the stem in a superior manner by a new process, which divests it of much of the chaff, and enables a given quantity to cover nearly three times as much ground as the seed usually sold in market.

OSAGE ORANGE SEED.—We are the largest dealers in the United States, in Osage Orange Seed. One of our firm devotes his whole time and attention to this particular branch of our business, and we presume "Pitkin's Osage Orange Seed" is too well known to need further comment. Pamphlets, giving all necessary information respecting planting the seed and growing the hedge, furnished to all applicants.

GARDEN SEEDS.—We are prepared to furnish Genuine Garden Seeds, of the growth of 1856, by the pound or by the single paper, or neatly packed in boxes, containing 100 or 200 papers each. A liberal discount made to dealers.

List of Seeds, &c., which we Deal in largely:

KENTUCKY BLUE GRASS,
ORCHARD GRASS,
RED TOP, or Herd Grass,
TIMOTHY,
CLOVER,

OSAGE ORANGE,
MILLET,
HEMP,
CANARY,
TOP ONIONS.

Our Stock of Implements Consists in Part of

HORSE POWERS,
THRESHING MACHINES,
MOWERS and REAPERS,
STRAW CUTTERS,
CORN SHELLERS,
WHEAT FANS,
CORN PLANTERS,
GRAIN DRILLS,
CHAIN PUMPS.

CORN MILLS,
CORN and COB CRUSHERS,
AGRICULTURAL FURNACES,
MEAT CUTTERS,
SAUSAGE STUFFERS,
PLOWS, all sorts,
HARROWS,
CULTIVATORS,
WHEELBARROWS, &c., &c.

We are also agents for the sale of the celebrated

"LOUISVILLE HYDRAULIC CEMENT or WATER LIME."

Also on hand and for sale, WHITE SAND, CALCINED PLASTER, AGRICULTURAL PLASTER, WHITE LIME.

Pitkin Brothers.



FRUIT TREES.

The subscriber begs leave to inform the citizens of St. Louis and vicinity, that he has now on hand for Spring Sales a large assortment of

FRUIT AND ORNAMENTAL TREES.

He has made such arrangements with Nurseries at the East that he can fill all orders with promptness and despatch. He has now on hand an assortment of

APPLES, PEACHES, PEARS, CHERRIES, &c., &c.

Persons wishing to plant choice Fruit Trees would do well to call and examine his stock before purchasing. They can be seen at No. 16 South 16th street, between Market and Clark Avenue. Trees well packed and shipped to any distance, and warranted true to name.

Office at PLANT & CO.'S Seed Store, No. 203 North Fourth street, or 218 Broadway. All mail orders should be addressed to box 744, St. Louis, Mo.

Jan. 1.

A. A. BARNARD.

ADVERTISEMENTS

To secure insertion in the Valley Farmer, must be received in our office, as early as the 15th of the previous month. See terms.

Lyon's Kathairon

Has now become the standard preparation for the HAIR. In immense sale, nearly

1,000,000 BOTTLES

Per year, attests its excellence and great superiority over all other articles of the kind. The ladies universally pronounce the KATHAIRON to be, by far, the finest and most agreeable article they ever used. It Strengthens the Hair after it has fallen out; INVIGORATES and BEAUTIFIES it, and imparts a Delightful Perfume. Sold by all dealers throughout the United States, Canada, Mexico, Cuba and South America, for

25 Cents per Bottle.

HEATH, WYNKOOP & CO., Proprietors,
63 Liberty street, New York.
Manufactured, also, of Perfumery of all kinds, and
in great variety.

WITH STEAM POWER THESE MILLS are capable of sawing from THREE to EIGHT Thousand feet of lumber in a day, varying according to the power applied and kind of timber sawed. With Horse Power, are capable of sawing from ONE to TWO thousand feet per day, according to the kind of timber sawed, and with either STEAM, WATER, or Horse Power, will saw more lumber and in a better style, than any other kind of mill now in operation.

With the CHILD PATENT DOUBLE MILL, any sized timber can be sawed.

The simplicity in their operations, durability and adaptation of these Mills to the wants of the country, and successful practical operation of those in use,

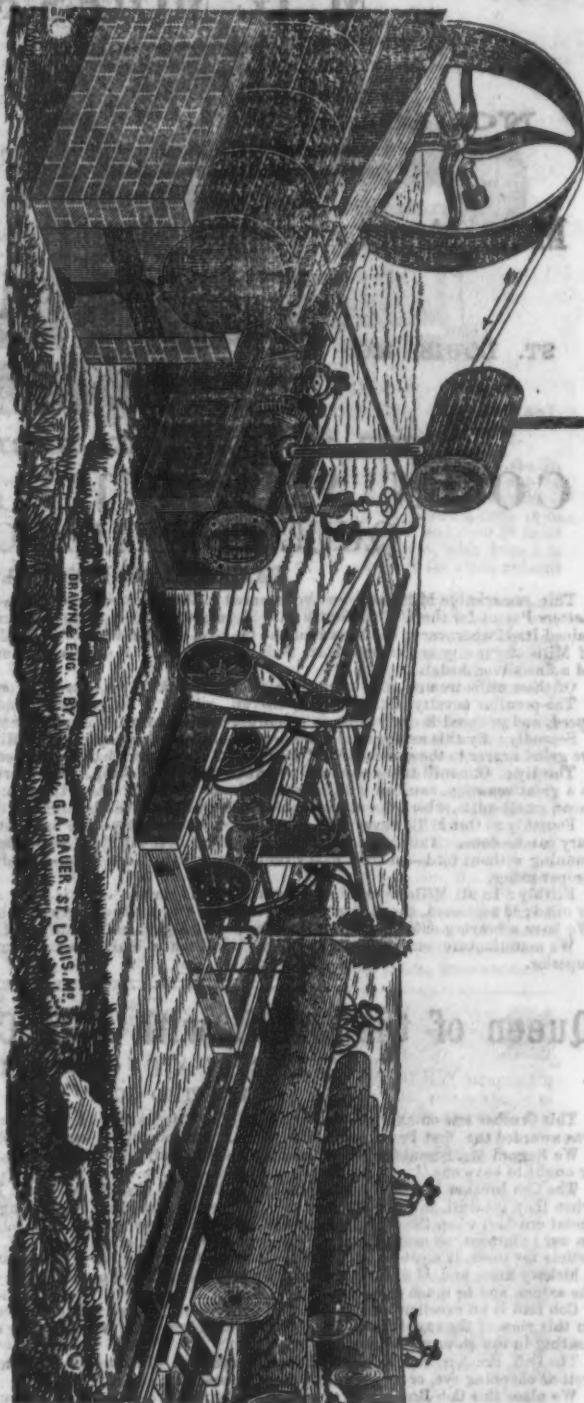
PAGE'S PATENT PORTABLE CIRCULAR SAW MILL.

together with their becoming almost entirely used, has been the means of establishing their great reputation.

With our experience for the past ten years in making those Mills, and with improvements and increased facilities in manufacturing, we offer them to the public with the fullest confidence of their superior advantages over all others. Having the right of manufacturing for a large portion of territory West and South, we can furnish either the SINGLE or DOUBLE Mill as preferred, for Steam, Water or Horse Power.

Orders respectfully solicited, and any further information cheerfully given.

KINGSLANDS & FERGUSON,
PHOENIX FOUNDRY, Corner of Second and Cherry Sts. St. Louis.

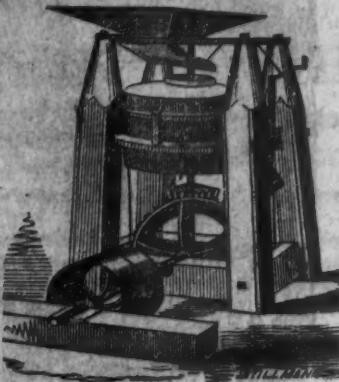


M. G. MOIES & CO.,

NO. 10

Main street,

ST. LOUIS, MO.



ARE

Sole Agents

FOR THE SALE OF

STRAUB'S CELEBRATED CORN AND WHEAT MILL QUEEN OF THE SOUTH.

PATENTED JUNE 27, 1854.

This remarkable Mill has been kept secured to the inventor by caveat—recently, however (27th June, 1854)—Letters Patent for the United States have been granted, securing the invention for 14 years. This Mill has sustained itself wherever it has been brought into competition with other Mills. It was run against the other make of Mills of our city at the Ohio State Fair, in 1850, when it drew a Diploma as the best Corn Mill and was awarded a fine silver medal.

Of these mills we manufacture five sizes for corn, and three expressly for grinding wheat flour.

The peculiar novelty of this mill is, the under stone is the running stone, in all cases. There is no limit to the speed, and as speed is everything in grinding, it will out-grind any upper runner in the world.

Secondly: By this arrangement, we are enabled to get grain into the Mill with a very small eye; consequently we grind nearer to the centre, and of course with less power than any upper runner can be made.

Thirdly: Our mill takes any kind of grain without choking. We warrant against choking in all cases. This is a great vexation, causing delay and trouble in all Mills where the upper stone is the runner. Of course, we mean small mills, where the motion must be high to do much business.

Fourthly: Our Mills never take injury by running empty—the under stone not touching the upper one, no injury can be done. This is an important advantage over all Mills whose upper stone is the runner. Ten minutes running without feed—where a heavy runner is balanced on a wane—will do the Mill more injury than six months proper using.

Fifthly: In all Mills where the upper stone is the runner, there is often much trouble to keep the bush properly oiled; if neglected, the Mill must take injury. Our mills are free of this, because we have no bush in the Mill. We have a bearing entirely above all the stones, in sight, and can be oiled at any time when grinding.

We manufacture our Mill stones of the best French Burr Blocks the market affords, all of which we warrant superior.

Queen of the South, with Corn Crusher Attached. "COMBINATION MILLS."

PATENTED JULY, 1854.

This Crusher was on exhibition at the Fair of the Mechanics' Institute, last fall, where it was run by steam. It was awarded the first Premium and Diploma. The committee appended the following complimentary remarks:—“We regard Mr. Straub's Corn Crusher the most useful, as well as important invention of the day. Every farmer ought to have one.”

The Cob Breaker is placed immediately over a pair of French burrs, the burrs performing the pulverizing. And when they get dull, in a short time can be sharpened, and thus the cutting edges can be restored. Not so with a metal crusher: when the cutting edges get dull, which they soon will do, the crusher may as well be thrown away. In our judgment, no metal crusher ever did, or ever will, make good, soft, fine, cob food. To make this valuable article for stock, it must be ground through mill stones; for, as it is remembered, some parts of a cob are as hard as a hickory knot, and, if not softened under a mill stone, is indigestible; and the stock will have frequent attacks of the scours, and be much injured.

Cob feed is an excellent article for sheep, milch cows, mules, cattle and horses—the cob acting as a cooling alloy. In this view of the case it is even better than hay, because it will be better mixed with the corn than hay, and the heating in the stomach prevented.

The Cob Breaker can be taken off, and hopper put on the mill, and corn meal for the family can be ground, as well as chopping rye, or any small grain for horse feed, etc.

We place this Cob Breaker on any sized mills, from 14 to 20 inches in diameter.

By steam power, fifteen bushels per hour can be easily made fine from the whole ear of corn; and about three bushels per hour for every horse put in.

For Descriptive Pamphlet apply to the Agents.

JAN. '56.

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PEABODY'S

NEW SEEDLING STRAWBERRY.

The subscriber has originated a New Seedling Strawberry, which combines more good qualities to make up a perfect berry, than any berry ever yet introduced, viz: It is of the very largest size, measuring six and seven inches in circumference; it is of beautiful form, attached to the calyx by a polished coral-like neck without seeds; rich, deep crimson color; fruit borne on tall foot stocks; of the most exquisite pine flavor; flesh firm, melting and juicy, and bears transportation better than any strawberry ever yet cultivated.

I will be prepared to send the plants out whenever the following terms are complied with. Not a plant of this variety has ever left my grounds, nor ever will, until the proposition below is subscribed to. I propose to get one thousand subscriptions at \$5 per dozen plants, throughout the whole country. Subscribers, on forwarding their names and post office address, with the number of dozen desired, will receive, by return mail, a beautiful colored plate of the vine and fruit, drawn from nature; and as soon as one thousand subscriptions are made up, I will notify each subscriber, when the money may be mailed to me, and I will put the plants up in moss, envelop them in oiled silk, and forward them by mail.—By this method they can be sent to any part of the Union with safety and despatch. I have sent packages of 100 of the common strawberry, one thousand miles by mail without the loss of a plant. Packages of one dozen will go through the mail as certainly as a letter.

Subscribers, on receiving the colored plates, will please show their friends, that it may hasten the completion of the list. From one dozen plants one thousand may be produced the first year. This plant is the hermaphrodite, always bearing perfect crops of fruit without an impregnator.

Directions for the culture of this plant will be sent with each colored plate. CHARLES A. PEABODY.

COLUMBUS, Ga., October 1, 1856.

As a proof of the keeping qualities of this New Strawberry, on the morning of the 9th of May last, (Friday) I picked a case of the berries, took them to Columbus, six miles, in my buggy, sent them from Columbus to Savannah, three hundred miles by railroad, and from Savannah to New York, nine hundred miles by steamer, to my friends, Messrs. J. M. Thornburn & Co. The following extract from Messrs. Thornburn & Co.'s letter, will show the condition of the berries just one week after they were picked:

NEW YORK, May 16th, 1856.

Mr. Charles A. Peabody, Dear Sir—The Strawberries came to hand on the afternoon of Tuesday, sound, and in very good condition, retaining an unusually strong strawberry aroma. * * * * The berries have wilted down only a very little up to this time, Friday Morning, May 16th. Yours truly,

Jan. 3d.

J. M. THORNBURN & CO.

THOS. J. WALKER & CO.,
AGENTS AND MANUFACTURERS OF
FARMING MACHINES
AND IMPLEMENTS,
Belleville, Illinois.

The advertisers are now manufacturing PLOWS, and will, in season, make

WHEAT AND OTHER SEED DRILLS
which they warrant equal to any other similar machine. Farmers wishing a good Planter, will be furnished with further particulars on enquiry by letter or otherwise.

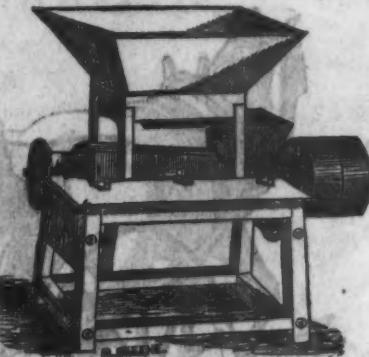
McCormick's Reapers and Mowers
FOR 1856.

Will be superior to any other machine for cutting small grain and grass, in any condition in which such may be found in the field, whether the same be fallen, tangled, leaning or standing. Those wishing to secure a reliable Harvester should send in their orders early—immediately, as the demand will greatly exceed the supply, as has been the case for several seasons past, during the period of our agency.

THOS. J. WALKER.

Belleville, Jan. 1, 1856.

PREMIUM MILL!



FELTON'S

Self-Sharpening Portable Corn Meal,
Corn Cob and General Food Mill.

This Mill was awarded the First Premium at the St. Louis Fair for the above kind of grinding. It can be run by any kind of horse, water or steam power practicable. The No. 3 Mill is capable of grinding from 16 to 25 bushels of superfine meal per hour, and from 20 to 60 bushels of corn and cob and other feed per hour, with from 3 to 6 horse power. No. 2 will do one-half the above amount with half the power.

These Mills are very durable, and any inexperienced person can run them. They have been tested for over two years, and all are in perfect order yet, and giving the best of satisfaction. The metal being harder than tempered steel, and truly self-sharpening, makes it more durable than a dozen common iron mills; therefore they are much cheaper.

Persons wishing a mill for grinding all kinds of grain in a grist mill, or to attach to a saw mill, are requested to try one of the Felton Mills, as they are warranted to grind twice as fast as a burr stone with the same amount of power; and if the grinding surface should ever wear out we will replace them at one-fourth the expense of keeping a stone in, in the length of time they run, therefore save time in dressing stone, and expense of keeping a practical miller.

Price of mills all complete ready to run, No. 2, \$150; No. 3, \$200. For sale by our agents, Wm. M. PLANT & CO., No. 14 North Main street, and H. C. HOUTS & CO., No. 21 Market street, or at our office, 122 Market street, St. Louis, Mo.

DeS66ly. LOOMIS, NICHOLS & CO., PROPRIETORS.

SIGERSON' NURSERY.

The proprietors of this NURSERY, situated a short distance South of St. Louis, Mo., are prepared to furnish from their establishment a more extensive and better selected stock of

Fruit, Shade, Ornamental Trees and Shrubbery, than they have ever heretofore been able to supply, and feel no hesitation in saying that scarcely a demand can be made on them which they cannot supply of the finest quality of Trees, Shrubs and Plants, to enumerate which, would require a much larger space than could be allowed to advertisers, and therefore invite all in want of a supply, to forward their orders for Catalogues and Bills of Prices, which will be forwarded promptly to all postpaid applicants.

Parties intending to procure trees the coming Spring should send their orders forward as early as possible, so as to enable the proprietors to fill and deliver them at the earliest possible time in the spring.

All communications should be addressed to

JOHN SIGERSON & BRO.,

St. Louis, Mo.

Ja., '56.]

THE VALLEY FARMER.

THE VALLEY FARMER.



**SQUIRE'S UNRIVALLED
Self-Discharging Horse Rake.**
PATENTED DECEMBER 23d, 1858.

Having obtained LETTERS PATENT from the United States, for the above, I am now prepared to sell Right for State, County, or otherwise. This is THE RAKE of the age,—is adapted for Hay and Grain. Is Superior to ANY other in use. It adapts itself to any unevenness of ground; rakes perfectly clean without threshing out the grain, or wasting the leaf in raking clover, and, at the will of the driver is made to discharge its load by the draft of the horse; therefore dispensing with the excessive labor usually attending all other Horse Rakes. It is simple and durable in construction and easy of management. A boy capable of driving a horse can effectually work this machine. It is also, by a slight adjustment of its parts, adapted as a Seeding Harrow, or for cleaning land of corn stalks, weeds, &c., &c. A premium was awarded this Rake at the St. Louis Agricultural and Mechanical Fair, Oct. 13, 1856.

For further information, address by letter to the patentee, or call at the office of any agent, H. STAGG, Esq., corner of Chestnut and Second streets, over the Post Office, or at Messrs. KINGSLANDS & FERGUSON'S, Phoenix Foundry, corner of Second and Cherry streets, St. Louis, Mo., where my rakes are being manufactured. All who are wanting Rakes, should send in their orders early, as only a limited number can be manufactured for the coming season.

Jan. 1st.

JOHN J. SQUIRE, Patentee.

THOS. S. COLEMAN,
NURSERYMAN AND FLORIST,
ST. LOUIE, MO.



NURSERY GROUNDS,
ON MARKET STREET,

80 rods West of the terminus of the Market street
Omnibus line.

Orders can be left at
Landroth's Agricultural
Warehouse, No. 18 South
Main street, which will re-
ceive prompt attention.

Our stock for present sales are from E. B. Coleman's Peoria Horticultural Garden and Nurseries, and for quality, beauty and thriftness of growth are rarely equaled. It includes a choice selection of Apple, Pear, Peach, Plum, Cherry and Quince Trees; also Dwarf Pear, Dwarf Cherry and Dwarf Apple Trees, together with Grape Vines, Strawberries, Gooseberries, Raspberries, Lawton Blackberries, Currants, Ornamental Trees, Shrubs, Vines, Plants, Nursery Stocks, &c., &c.

Those who will examine our stock and compare prices with those of other establishments, can hardly fail to be satisfied.

Great care is taken in the selection of such kinds as

best suit our Western soil and climate.

Orders received will be promptly filled, securely packed, distinctly marked, and left at any Railroad Depot, Steamboat, or other place in the city, free of charge.

Descriptive Catalogues, containing prices, furnished to all applicants, and mailed to those who request by letter.

Jan. 56 ff.

CURRENTS AND RASPBERRIES.

WHITE GRAPE CURRENT SEEDS, saved from our specimen plants in 1856, will be sent pre-paid, in packages worth \$1, to all who enclose that amount.

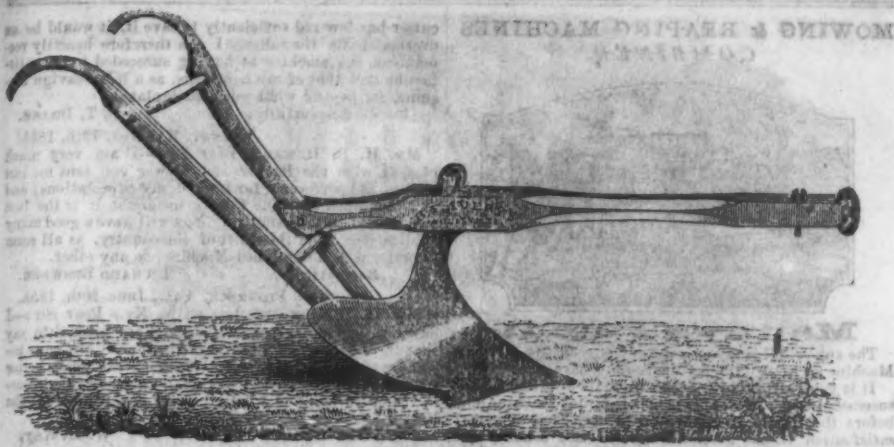
CURRENTS, White Grape, Cherry, and a collection of eighteen other varieties, embracing all the novelties.

RASPBERRIES, Belle de Fontenay, a new French ever-bearing sort, fruit very large, and plants vigorous—very distinct variety.

MERVEILLE OF FOUR SEASONS.—This is a variety which has been fully tested, and was awarded a premium at the New York State Fair, a fine display of fruit being exhibited in the month of October—it is by far superior to any of its class. The fruit is as large and as good as the Red Antwerp, and the annual crop is abundant—\$6 per dozen.

ELLWANGER & BARRY,
Mount Hope Nurseries, Rochester, N. Y.
N. B. Orders from unknown correspondents must be accompanied by the cash.

Jan. 31.



BENJ. F. AVERY'S

Iron Foundry and Plow Manufactory,

CORNER OF MAIN AND FIFTEENTH STREETS, LOUISVILLE, KENTUCKY.

I am prepared to make to order all descriptions of light Castings, neatly, and at satisfactory prices. My Foundry is intended for doing light work. I Will also make to order, Corn Shellers, Straw Cutters, &c.

I am making, in my factory, the Cast Iron Plow, EXCLUSIVELY. My patterns now number over thirty different sizes, embracing Right and Left Hand and Sub-Soil plows. They have all been made by Thos. Waird, Esq., the patentee of the Livingston county plow; whose skill as a mechanie, and especially as a plow pattern maker, cannot be surpassed. His first effort in this direction, caused the wonderful improvement in plows that has been going on in the State of New York for the last fifteen years. In my own plows, "Avery's Louisville," my great object has been, so to shape the mold-boards that they will easily scour and keep bright in the very adhesive and light soils of the West and South. This I have fully accomplished in all my SHORT PLOWS, which approach somewhat the forms of the "Rounder" Steel mold plows. They have been widely tested for more than three years, and in all soils have scoured well. This important truth, that the "shape" of the mold-board, "not the cast iron of which it is made" prevents the plow from scouring, has been most triumphantly demonstrated by these plows. I have a great variety of forms, presenting different angles to the furrow slice, both in elevating and inverting the soil. Many of my latest patterns have the front cutting angles small, which as they extend back, gradually assume the broad, bold angles of my shorter patterns. The plows of this series have thus far given universal satisfaction. They scour well, and perhaps will do so in all soils; whilst they are better adapted to deep, thorough work, than the short plows. I have three sizes of Sub-Soil plows. My largest size, No. 2, has been made with reference to doing deep work. It is probably higher in the standard or helve, than any Sub-soil from other manufacturers.

As a most SUBSTANTIAL evidence of the popularity of my plows, I refer to my regularly increasing sales, especially in those localities where I have been selling longest. In Memphis and its vicinity, last year, when business generally was paralyzed by great scarcity of money, I sold about two thousand plows. For the last three years my sales have increased annually over one thousand, and this season I am prepared to turn out seven thousand. As my foundry is almost exclusively for making plow castings, I am using such metals as are best adapted to that work. Whilst the castings are very tough and strong, they are yet sufficiently hard to form, in the Points and Edges, a strip as hard as hardened steel, and susceptible of a polish as high.

By referring to the subjoined list of retail cash prices of some of my plows, their cost, as compared with the steel

plows, may be nearly ascertained. One cast iron mold-board plow will last as long as two steel ones; whilst the yearly cost of running it, will be found to be about one half that of the steel plow. The cast point or share can be put upon the plow, by any plow boy, in ten minutes, which will renew all the cutting front, and give to the mold-board and plow, its shape as at first made.—This fact alone is of more value to the planter and farmer, than the entire cost of the best steel plow they can buy.

I am making large quantities of large, SOLID BENT handles, which I will sell at \$10 per hundred. These are made upon a beautifully simple and effective machine, by which any day laborer can bend at the rate of 50 per hour, using the escape steam of the engine for softening them. This machine I have recently patented; which, with the right to use it, I will sell to all who may desire to bend plow handles well and satisfactorily. An oak tree that will split into a thousand handles, can be bent by this machine with the loss of scarcely a single handle.

I would also state that I have recently obtained letters patent for valuable improvements on my Louisville Plow.

Retain cash prices, at my factory, of some of my plows, including one extra point for each.

SHORT PLOWS.

No. 13.....	\$3.50	Points 15c each	Single horse.
" 8.....	3.75	" 20c "	
" 7.....	4.00	" 25c "	
" 12.....	5.00	" 30c "	
" 12 B.....	5.25	" 30c "	Two horse.
" 15.....	6.00	" 35c "	

MEDIUM ANGLES.

No. 11.....	\$4.00	Points, 25c each	Single horse.	
" 14.....	4.00	" 25c "		
" 16.....	4.50	" 25c "		
" 18.....	5.50	" 30c "		
" 19	These three patterns are now being made.—			
" 20	They correspond very nearly to Nos. 14, 16			
" 21	and 18—having the look or point, instead of being cast solid.			

Wholesale prices in Circular.

*This plow throws a very high cotton bed.

†This is not so short as the other Nos. but good for deep work.

W. F. FAUST,

PRACTICAL LANDSCAPE GARDENER,

SAINT LOUIS, MO.

Furnishes Plans for the Improvement of Public or Private Grounds. Will also give personal supervision to laying off Grounds. Application may be made in person, or by letter through the St. Louis Post-office.

**MOWING & REAPING MACHINES
COMBINED,**



Manny's Patent.

The subscriber is now manufacturing extensively this Machine in Louisville, for the coming harvest.

It is generally admitted that this is the best and ONLY successful Combined Mowing and Reaping Machine now before the public of either Continent. The universal satisfaction it has given throughout this country and France during the last harvest, is perhaps unparalleled.

Of the One Hundred Machines manufactured and sold by me last season, not one has been returned; and the purchasers generally have informed me that they performed better than was recommended, as may be seen by numerous letters now in my possession, some of which are published below.

The Machines are well built, and of the best material. They run entirely on wheels, rendering it the lightest draft of any of the machines now before the public, and can be run from field to field as easily as a cart. It can be changed for either purpose of Mowing or Reaping in less than five minutes. In cutting grain, the driver, while on his seat, can regulate it so as to cut the stubble from Three to Eighteen inches high, according to the condition of the grain, whether standing or fallen.

The Two Horse Machines are warranted to cut from Eight to Fifteen acres of grass or grain in a day, requiring only a driver in mowing, and a driver and raker in reaping.

Since the last harvest several very Important and Valuable Improvements have been made and patented, rendering it more complete and perfect than any harvester now manufactured.

I shall be prepared to fill any orders by the first of January 1856. Persons intending to order Machines, will do well to send in their orders early, that they may be shipped while the rivers are in good stage. Descriptive Catalogues will be sent to those who order them.

I have also for sale a very large variety of other Agricultural Implements, among which may be found

Horse Powers and Threshers, Straw Cutters, Corn Shellers and Plows of various sizes and patterns. Also a variety of

Grass Seeds, &c.

WAREHOUSE on SIXTH STREET,

between Main and Market streets,

LOUISVILLE, KY.

H. B. HOWARD.

CERTIFICATE.

EMINENCE, KY., October 8th, 1855.

MR. H. B. HOWARD, Dear Sir:—Having bought one of Manny's Combined Reaping and Mowing Machines, manufactured by you, and the season being now over, I shall, agreeable to promise, inform you how I succeeded with it.

The Wheat and Rye in this vicinity was more or less blown down. I cut grain and mowed grass for ten or twelve different farmers. I went into field of grain that I did not reap with it, nor meadow that I did not mow, whether standing or fallen, and cut 300 acres with it, and it is not materially worn. I like the machine because it is adjustable to standing or fallen grain, as well to long or short straw, and because it is manageable with two horses, and what it lacks in width of swath is chiefly gained in the gait of the horses, and in turning at the corners; and more especially, because in cutting grain that is rather green or wet with the dews and tangled, if the machine cut a wider swath than five feet, with the

cutting-bar lowered sufficiently to save it, it would be an overmatch for the raker. I can therefore heartily recommend the machine as having succeeded to my satisfaction and that of my neighbors, as a labor-saving machine, far beyond what was contemplated.

Respectfully, S. T. DRAKE.

OLNEY, KY. Nov. 19th, 1855.

MR. H. B. HOWARD, Dear Sir:—I am very much pleased with the Reaper and Mower you sent me last spring. It performed far beyond my expectations; and as a Combined Machine I have no doubt it is the best that is used in this country. You will have a good many applications from this part of the country, as all seem to prefer it as a Combined Machine, to any other.

Respectfully, RICHARD BROWDER.

FLORENCE, ALA., June 20th, 1855.

MR. H. B. HOWARD, Louisville, Ky., Dear Sir—I have finished cutting my wheat, and am pleased to say that the Reaper performed well; in fact, it has gone beyond my expectations, executing the work much better than the scythe. Some ten or twelve gentlemen witnessed the operation, and I believe every one decided for the Reaper.

Respectfully yours,

W. H. KEY.

IMPORTANT TO FARMERS!!



**IMPROVED LITTLE GIANT
Corn and Cob Plantation Mill,**

PATENTED MAY 18th, 1854.

Improved in 1856, with Tripple Crushers and Double Grinding Surfaces.

Persons in want of a Mill for preparing feed for Stock, are invited to take one of these Mills and try it, in comparison with any other kind of Mill for the same purpose. If they are not found to do twenty-five per cent more work, and do it equally as well, if not better, with the same, or less power, no charge will be made for the Mill.

THE IMPROVED LITTLE GIANT, No. 4, will grind from thirty to forty bushels per hour, with three horses.—Price \$60.

No. 3, twenty to thirty bushels. Price \$50.

No. 2, ten to twenty bushels. Price \$40.

Either of these mills may be changed to single grinders in a moment, requiring only half the power.

We have a No. 1 Mill, the old pattern, which is an excellent grinder. Price \$30. Grinds from four to eight bushels per hour with one horse.

The variation in quantity will be owing to the quality and condition of the corn, and the degree of fineness of grinding.

In regard to durability, we say, that No. 4 will last to grind 40,000 bushels, at least, before it fails to do its work well. Other sizes will be found equally durable in proportion to their size.

Jan. '56. JAMES B. CHADWICK,
No. 68 Locust street, between 2d & 3d, St. Louis, Mo.

**AGRICULTURAL & MECHANICAL
SOCIETIES ATTENTION!**

We are now prepared to manufacture under our own supervision all kinds of
Premiums for State & County Societies.

—ALSO—
We have constantly on hand a large assortment of Gold and Silver Watches; Clocks, Jewelry, Silver Ware and Fancy Goods, which we will sell low at wholesale or retail.

E. JACCARD, & CO.
June 1st. No. 75 Fourth street, St. Louis, Mo.



HEDGE FENCES.

LOGAN SLEEPER, BRIDGETON, St. Louis county Mo., will attend to all calls for Setting or completely Growing HEDGE FENCE in St. Louis and St. Charles counties, and in Central and Southern Illinois. Gives prompt attention to orders from all places, near and distant.

Orange Orange Seed and Plants, good and fresh, always on hand. Printed Instructions accompany them when desired. Plants can be sent any distance, and set with safety any time during the three months of April, May and June, and in the fall, from the time of the first frost till the ground freezes.

Oct. '56

“CHAMPION BLACK HAWK.”

The undersigned, being about to remove to a thinly populated portion of the West, offers “Champion” for sale. For the information of those not acquainted with the horse, we give below a list of the prizes won by him.

Ohio State Fair, at Columbus, (then three years old,) 1851, first prize of \$30. Pennsylvania State Fair, at Pittsburgh, 1854, first prize \$20. Virginia State Fair at Wheeling, 1854, first prize, \$25. Ohio and Pennsylvania Horse Show, 1854, first prize \$100. Ohio State Fair, at Columbus, 1855, first prize, \$30 Fair at Florence, Ky., 1855, first prize, \$20. Ohio State Fair, Cleveland, 1856—his get, five colts, first prize, \$100. Besides the above, he has taken ten first prizes at County Fairs, amounting in all, with the above, to nearly \$500.

Address, P. MELENDY,
jan. 2t. College Hill, near Cincinnati.

EMERY'S PATENT CHANGEABLE HORSE POWER,

Thresher, Separator, Saw, &c., &c.

The subscribers are now prepared to contract for the delivery of these justly celebrated Machines for the season of 1856.

Our prices for the Two Horse Power with Thresher and Separator, &c., will be 150 dollars, delivered on board of my conveyance in the city, or we will deliver on the Mississippi river, at the terminus of any Rail road running from Chicago, for 200 dollars.

This will give to those wanting in Upper Missouri, Iowa, Minnesota and Wisconsin, an advantage over buying at any other point in the West.

CAUTION—Should be observed in buying the Horse Power, that the genuine

EMERY'S PATENT

Are obtained, as none are made except they bear the stamp and brand of

EMERY'S PATENT, 1856.

MANUFACTURED BY

EMERY BROTHERS.

This remark is made because the reputation of the Power has induced IMITATIONS to be thrown into the market and are of inferior construction and workmanship.

Full and Descriptive Catalogues are furnished gratis to all on application. HENRY D. EMERY.

204 Lake street, Chicago, ILL

SIGERSON'S

SEED STORE

& AGRICULTURAL WAREHOUSE,
Corner of Broadway and Wash Streets, St. Louis.

THE undersigned beg leave to acquaint their numerous customers in the West, that they will have for sale this spring, the largest and best selected stock of

Field, Garden and Flower Seeds, ever offered for sale in this market; and to which will be added a large and complete stock of

AGRICULTURAL IMPLEMENTS,

Embracing every conceivable variety likely to be wanted by Farmers and Gardeners. They pledge themselves that their stock for the Spring has been selected from the most reliable manufacturers in the East, and with unusual care.

They flatter themselves that their experience in Agriculture and Horticulture, has enabled them to make such selections as will give the most entire satisfaction to their customers. JOHN SIGERSON & BRO.

Agricultural and Horticultural Books.

THE undersigned take pleasure in stating to their former patrons and the public generally, that they have now on the way from the East, by Express, the most full, complete, and best selected stock of Agricultural Books ever offered in the West. A Descriptive Catalogue of Agricultural Implements, Field, Garden, Flower seeds, Agricultural and Horticultural Books, &c., will be forthcoming in a few days, and will be furnished to all post paid applicants free of charge.

jan '57. JOHN SIGERSON & BRO.

Corner of Broadway and Wash sts., St. Louis, Mo.

NURSERY.

JULIUS MALLINCKRODT, near Augusta, a Port on the Missouri River, St. Charles Co., Mo., has a large supply of Fruit Trees and Plants, for sale this season 1856-'57, consisting of

Winter Apples,	Peaches,	Apricots,
Fall do	Cherries,	Plums,
Summer do	Pears,	Catalpas, &c.

Agency in St. Louis at the

MISSOURI SEED STORE AND AGRICULTURAL WAREHOUSE,
J. & A. LARGUE,
No. 4, North Main Street.

SINGER'S SEWING MACHINE.



Perhaps there is nothing in this age of improvement, that has effected in so short a time such a complete revolution in domestic economy, as the Sewing Machine. To Mr. Singer belongs the honor of having brought it to its highest perfection. He has succeeded in combining all the merits of machine sewing and concentrated them in a **Single Machine**. Thousands both in America and Europe, who are now enjoying its advantages can attest his success, while both hemispheres have conferred upon his invention the highest honors in the shape of medals and premiums.

SINGER'S Woderful Machine

Is so simple that a child of twelve years can be taught to operate it in a few hours; while its power, its speed, its fine, yet beautiful seam, its adaptability to every kind of sewing, whether of one fold or a dozen folds of cloth, silk, linen or leather, a lady's garter, hose, or a tough harness trace, the machine performs the work of from ten to fifteen hands with astonishing ease, firmness and delicacy.

IT IS THE FAMILY MACHINE, PAR EXCELLENCE.

SINGER'S SEWING MACHINE makes a beautiful, even, strong, unravelling seam. There is no WASTE OF THREAD, woven up into a useless pile and forming a heavy chain-stitch, liable to be worn away by friction or ravelled out by the slightest accident. It is a well authenticated fact that a garment made by a Singer Machine will sell for considerably more than one made by hand of the same material.

When you buy a Singer Machine, therefore, you feel satisfied that it is not a worthless toy, though sufficiently elegant to grace a lady's boudoir, but that you have got a substantial, reliable article, warranted to do nine-tenths of the sewing of your household in the shortest conceivable time, relieving your wife from the never-ending drudgery of the needle, and preserving her from the long train of diseases concomitant therewith, while her cheeks shall retain the rosy hue of health and her heart glow with gratitude for her deliverance.

When it is considered that \$1,000 a year is a fair estimate of the earnings of a good operator, the cost of a machine, though apparently large, is in reality a trifle. The Mantua maker should remember that with a Singer machine the finest dress can be made in from one to two hours. The harness maker, shoe maker and tailor, should bear in mind that they might realize a large profit themselves that now goes to the Eastern manufacturers, who all use Singer's Sewing Machines. These machines are sold at

Singer's Western Depot,

65 FOURTH STREET, ST. LOUIS, MO.

Under the following guarantee, viz: Each machine is

WARRANTED not to get out of order if fairly used!

WARRANTED to be the best Sewing Machine in the world!!

WARRANTED to be the only machine that will sew everything!!!

OR THE MONEY REFUNDED.

All who call will be courteously furnished with every information, whether they are led by curiosity or a desire to purchase. Satisfactory statistics will be exhibited proving the reputed \$10 Sewing machine a humbug and an impossibility.

EDWIN DEAN, AGENT.



1887.

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For

CHICAGO AGRICULTURAL WROKS, WAREHOUSE AND SEED STORE,

NO. 204 LAKE STREET, CHICAGO, ILL.



EMERY'S PATENT CHANGEABLE RAILROAD HORSE POWERS, THRESHERS AND SEPARATORS, AND THRESHERS AND WINNOWERS.

Circular & Cross Cut Saw Mills;

PORTABLE GRAIN AND GRIST MILLS;

FELTON'S PATENT GRAIN AND FEED MILL;
GRAIN DRILLS, SEYMOUR'S, PENNOCK'S, MOORE'S, &c.

WHEEL CULTIVATORS, IDES', ROGERS' and others.

CLOVER HULLERS, CRAWFORD'S PATENT;

DO DO MANFIELD'S DO

Cider Mills, Emery's and Hickok's:

HARROWS,	GEDDES' AND SCOTCH,
CORN SHELLERS	SMITH'S PATENT POWER SHELLER,
DO DO	READING'S DO DO DO
DO DO	ALL VARIETIES OF HAND DO
FANNING MILLS	MONTGOMERY FAN,
DD DO	GRANT'S PATENT, Six Sizes:
DO DO	EAGLE FAN.

HAY AND STRAW CUTTERS, A LARGE ASSORTMENT.

PLOWS

BREAKING AND STIRRING.

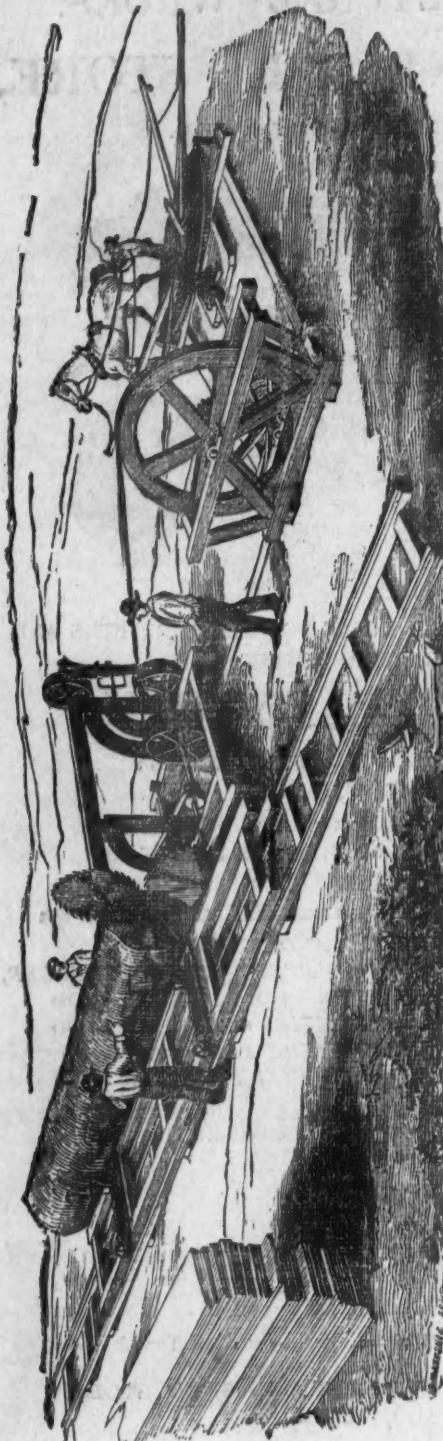
With a full assortment of

MACHINERY, AND IMPLEMENT, &c.,
SEEDS, GRAIN, &c.

Wheat, Rye, &c., for Fall Sowing. Clover, Timothy, Blue Grass, Red Top, &c., &c.,
For Sale at

CHICAGO AGRICULTURAL WAREHOUSE AND SEED STORE,
204 LAKE STREET, CHICAGO, ILLINOIS.

HENRY D. EMERY & CO.



WHITNEY'S PATENT PORTABLE DOUBLE CIRCULAR SAW MILL.

PATENTED MARCH 4, 1856.

MANUFACTURED BY CARE & AVERY,

AT THE PEOPLE'S IRON WORKS,

Main street, between Florida and Mulamphy streets, North of the Shot Tower, St. Louis, Mo.

The Simplicity, Cheapness, Durability, Strength and Easy Management of this Mill, makes it the best now in use. A glance at its combined improvements cannot fail to convince every person of the superiority over any other for making lumber. It is constructed with two Saws, one above the other, and in line with each other, so as to assist in cutting off the slab, swell, butts and knots, and splitting large logs. The top saw can be moved on the arcs, so as to cut two planks with one run of the carriage, and in cutting fencing it will cut from two to eight boards with the two saws. The after end of the two saw shafts are connected by an arm, which acts as a guide for both shafts, and serves for their adjustment, so as to have complete control of the saws whilst running, and keeping them true with each other whilst cutting. It is capable of sawing 1000 feet per hour, and will work without sawing crooked, in all kinds of timber. We warrant the Mills to perform in every respect as represented.

One of these Mills can be seen in operation at the PEOPLE'S IRON WORKS, where the public are invited to examine for themselves, and any information respecting them will be cheerfully given on application to our Agents, Wm. M. PLANT & CO., No. 14 North Main street, or to ISAAC L. GARRISON, President of the Home Mutual Insurance Company, corner of Main and Vine streets.

Horse Powers and Steam Engines furnished with the Mills at short notice and upon satisfactory terms.
CLARK & AVERY.

St. Louis, September, 1856.

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Feb. 6

FOR SALE.
THREE HEAD OF IMPORTED DURHAM CATTLE.

One Bull, "Czar," four years old. For pedigree see Am. Herd Book, page 126. One Cow "Aylesby Lady," eight years old. See Am. H. B., page 291. One Cow "Dahlia," four years old. See Am. H. B., page 241.—Imported by the Clark County Importing Company. Czar and Aylesby Lady were both first premium cattle in England. I will sell them cheap for each, or exchange them for Western lands at fair prices.

Address A. J. PAIGE,
Feb. '57. 2t Springfield Ohio.



HEDGING.

We have about 100 acres planted to Orange Orange in Western Missouri, Iowa, Nebraska and Kansas. Will make hedge fences upon a principle entirely new, that will succeed with or without trimming, possessing five important advantages over the usual system, viz: suffering no injury if frozen down every winter, neither if fire ran through it. Protect stock better against the cold winds, and all the expenses semi-annually, trimming saved. Also not so liable to thin out at bottom. Our nurserymen are authorized to sell plants at \$5 per 1000. The purchaser will be furnished directions for planting upon this above principle; also any person wishing hedging done should let the nurseryman know it, that we may see them when we come. We will take in payment where the amount is sufficient to justify it, horses, mules, jacks, jennies, sheep, &c. Plants may be set any time from the setting of the leaf in autumn to the bursting of the bud in spring. We design planting nurseries in every county of settlement (where thought practicable) in the States and Territories above named, and northern Texas. Will take contracts to hedge when ten miles or even can be had in the same vicinity. Also hedge for part of the land with or without the land being previously enclosed.

Address JOHN D. THOMPSON.
Rural, Jasper Co., Mo.

TO FARMERS AND GARDENERS

The subscribers offer for sale 40,000 barrels of their

NEW AND IMPROVED

POUDRETTÉ,

Manufactured from the night-soil of New York city, in lots to suit purchasers. This article (greatly improved within the last two years) has been in the market for eighteen years, and still defies competition as a manure for Corn and Garden vegetables, being Cheaper, more powerful than any other, and at the same time free from any disagreeable odor. Two barrels (\$3 worth) will manure an acre of corn in the hill, will save two-thirds in labor, will cause it to come up quicker, to grow faster, ripen earlier, and will bring a larger crop on poor ground than any other fertilizer, and is also a preventive of the cut worm; also it does not injure seed to be put in contact with it.

The L. M. Co. point to their long standing reputation, and the large capital (\$100,000) invested in their business, as a guarantee that the article they make shall always be of such quality as to command a ready sale.

Prices, delivered in the city free of charge and other expenses—

One barrel.....	\$2.00
Two barrels.....	3.50
Five barrels.....	8.00
Six barrels.....	9.50

And at the rate of \$1.50 per barrel for any quantity over six barrels.

A pamphlet, containing every information, will be sent (free) to any one applying for the same. Our address is—

THE LODI MANUFACTURING CO.,
Feb. 4t. Office, 60 Cortland St. New York.



ST. LOUIS

**MALONE'S PATENT
CORN PLANTER.**

We again offer the above Planter to the public, with the assurance that it is the best yet invented, possessing advantages over all others of which we have a knowledge:

First. It enables the operator to walk more erect than any other, thereby saving "back ache."

Second. By its peculiar mode of feeding, which is horizontal, it never clogs,—consequently never misses a single hill; while all perpendicular feeders are liable to choke, thereby often missing several hills before the operator is aware of the fact. The Corn is heard as it falls from the hopper, and should it miss, the ear would detect it instantly. It has a long, steel wedge-like point, which enables the operator to thrust it into the ground any desirable depth; then by simply moving the two levers, deposits the corn, covering the same perfectly.

Some parties to whom we sold last season, have informed us that they planted Sod Ground with it successfully; although we have never recommended it for that purpose, having doubts about its operating in sod; and are still of the opinion that all corn land should be thoroughly plowed and harrowed for the perfect working of any planter, and for the insuring of the best crops.

With this labor-saving machine a man can PLANT and COVER perfectly, from Eight to Ten acres per day—varying in quantity according to the nature of the soil.

We invite the personal examination of all those who are in want of a perfect Planter, before purchasing elsewhere. They are warranted to give entire satisfaction, and to be unsurpassed by any other now in use. Persons at a distance should order early, as the supply will be limited, and numbers were disappointed last season. Price \$10. Wm. M. PLANT & CO.

March '56.

St. Louis, Mo.

**Dr. C. De MONTREVILLE,
SURGEON DENTIST,**
No. 59 North Fifth street, between Olive and Locust,
ST. LOUIS, MO.

The natural Teeth will receive all the care of which they are susceptible, by the operations of Cleansing and Filling with Gold to insure them from loss,—or Extracting when useless from decay. The teeth of children carefully attended to.

Artificial teeth inserted by various methods, on pivots on the natural roots, on atmospheric pressure, suction, clasps, or springs,—on solid silver, platina, porcelain, aluminium, gold, or in any desired way, to suit the inclinations, the purse and the pleasure of those who may require.

Fifteen years of active practice in this city and the city of New York, will warrant me in saying that the whole resources of the Art will be employed in the just perfecting of any work entrusted to me. Marly.

ST. LOUIS AGRICULTURAL WAREHOUSE AND SEED STORE,

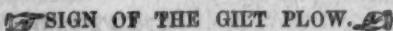
ESTABLISHED 1845, BY WM. M. PLANT.

WM. M. PLANT & CO.,

WHOLESALE AND RETAIL DEALERS IN

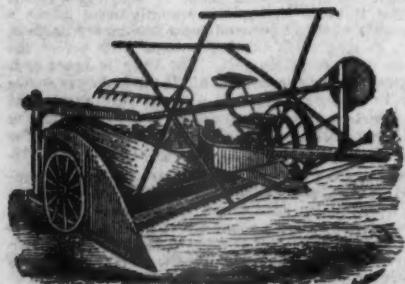
Agricultural Implements and Machines, GARDEN, GRASS AND OTHER SEEDS,

No. 14 North Main Street, between Market and Chesnut sts.,

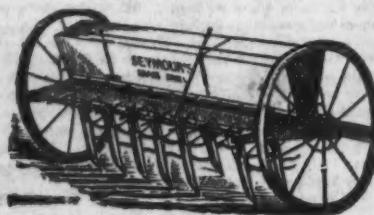
 SIGN OF THE GIET PLOW.

ALSO, NO. 203, FOURTH ST., (TWO FRONTS,) NO. 218, BROADWAY,

between Morgan Street and Franklin Avenue, St. Louis, Mo.



NEW YORK SELF-RAKING REAPER.



SEYMOUR'S WHEAT DRILL
AND BROADCAST SEED SOWER.

CONSTANTLY ON HAND AND FOR SALE,
HORSE POWERS,
THRESHERS and SEPARATORS,
MOWERS and REAPERS,
STRAW and HAY CUTTERS,
CORN SHELLERS,
IRON MEAT CUTTERS,
HARROWS and HORSE HOES,
PLOWS, many kinds,
AGRICULTURAL FURNACES,
FAN MILLS,
GRIST MILLS,
SAW MILLS,
CORN and COB MILLS,
SEED and GRAIN MILLS,

AGRICULTURAL TOOLS,
HORTICULTURAL TOOLS,
BOOKS,
TIMOTHY SEED,
CLOVER "
RED TOP "
ORCHARD GRASS SEED,
BLUE GRASS "
HEMP "
MILLET "
CANARY "
GARDEN SEEDS,
FLOWER "

CHINESE SUGAR CANE AND CHINESE HEMP SEED.

 Soon after the middle of February our Descriptive Catalogue, with prices, will be from press, which we will mail to applicants gratis, when a three cent stamp is received to prepay postage.

WM. M. PLANT & CO.



Two Horse Power, Thresher and Separator.
Price—\$200 00.



Two Horse Power with Wood Saw Mill.
Price—190 00.

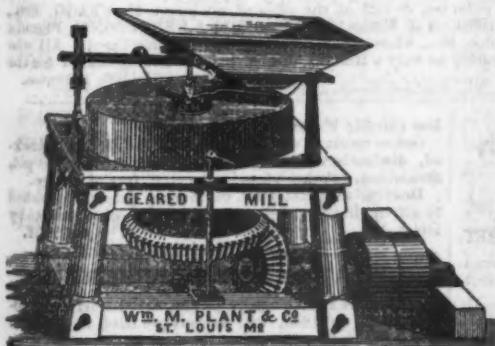
Changeable Railroad Horse Power WITH THRESHER AND SEPARATOR

We have been selling the above justly celebrated Machines, over five years, and can safely say they are the *best* Railroad Horse Power now before the public. Without exception they have given universal satisfaction, not one having been returned, notwithstanding the warranty is broad and liberal. This Power is admirably adapted for driving THRESHERS, CIRCULAR and CROSS-CUT SAWs, PUMPS, FERRY BOATS, PILE DRIVERS, GRIST and CIDER MILLS, CORN SHELLERS, HAY and STRAW CUTTERS, &c. They will admit of *four* variations of speed, without any *change* in elevation of Power, and the speed of the horses is *always the same*. This is one of its *principal features*, which *no other* power possesses. The Two Horse Power, Thresher and Separator, is capable, with four men, of threshing from 150 to 225 bushels of Wheat or Rye, and double that quantity of Oats per day. Price, complete, \$200 00.

A large supply on hand and for sale by

Wm. M. PLANT & CO.

BURROW'S PATENT GRIST MILL.



THESE Mills are composed of the best quality of French Burr Blocks, enclosed in a Cast Iron Case to give strength and weight to the Stone which is indispensable in small Mills, where the stone is run with great speed, and becomes dangerous if not strongly made.

They can be run with Steam, Horse, or Water Power and do not require a millwright to set them up, as they are already trimmed to run.

By the steady application of Three Horses on a good Lever Power, the 24 inch geared Mill (\$150) run 240 revolutions per minute—will grind from 5 to 8 bushels of good meal per hour, and will grind Wheat as well as Corn. The 30 inch Mill, if put to its fullest speed, will grind from 10 to 15 bushels per hour.

We have been agents for these superior Mills since 1852, and all have been sold on a warrant to perform as above, and not one has failed to give the very best of satisfaction.

We offer them to the public with a full guarantee that they are superior both in point of work and workmanship, to any other Portable Grist Mill now in use.

Descriptive circular furnished gratis to applicants.

PRICES.

20 inch Stone with Pully	\$115 00	with Gear	\$125 00
24 " "	135 00	" "	150 00
30 " "	175 00	" "	200 00
36 " "	225 00	" "	250 00

The 30 inch, with Gear, is admirably adapted to use with Saw Mills. Bolting Cloth and Belt furnished with Mills when desired, by

ST. LOUIS AGRICULTURAL WAREHOUSE AND SEED STORE.
No. 14 Main street, St. Louis, Mo., 



**SQUIRE'S UNRIVADLED
Self-Discharging Horse Rake.**

PATENTED DECEMBER 23d, 1856.

Having obtained LETTERS PATENT from the United States, for the above, I am now prepared to sell Right[®] for State, County, or otherwise. This is THE RAKE of the age,—is adapted for Hay and Grain. Is Superior to ANY other in use. It adapts itself to any unevenness of ground; rakes perfectly clean without threshing out the grain, or wasting the leaf in raking clover, and, at the will of the driver is made to discharge its load by the draft of the horse; therefore dispensing with the excessive labor usually attending all other Horse Rakes. It is simple and durable in construction and easy of management. A boy capable of driving a horse can effectually work this machine. It is also, by a slight adjustment of its parts, adapted as a Seeding Harrow, or for cleaning land of corn stalks, weeds, &c., &c. A premium was awarded this Rake at the St. Louis Agricultural and Mechanical Fair, Oct. 13, 1856.

For further information, address by letter to the patentee, or call at the office of my agent, H. STAGG, Esq., corner of Chestnut and Second streets, over the Post Office, or at Messrs. KINGSLANDS & FERGUSON'S, Phoenix Foundry, corner of Second and Cherry streets, St. Louis, Mo., where my rakes are being manufactured. All who are wanting Rakes, should send in their orders early, as only a limited number can be manufactured for the coming season.

Jan. 1st.

JOHN J. SQUIRE, Patentee.

THOS. S. COLEMAN,
NURSERYMAN AND FLORIST,
ST. LOUIS, MO.



NURSERY GROUNDS,
ON MARKET STREET,

80 rods West of the terminus of the Market street
Omnibus line.

Orders can be left at
Landreths Agricultural
Warehouse, No. 18 South
Main street, which will receive prompt attention.

Our stock for present sales are from E. B. Coleman's Peoria Horticultural Garden and Nurseries, and for quality, beauty and thriftiness of growth, are rarely equalled. It includes a choice selection of Apple, Pear, Peach, Plum, Cherry and Quince Trees; also Dwarf Pear, Dwarf Cherry and Dwarf Apple Trees, together with Grape Vines, Strawberries, Gooseberries, Raspberries, Lawton Blackberries, Curranis, Ornamental Trees, Shrubs, Vines, Plants, Nursery Stocks, &c., &c.

Those who will examine our stock and compare prices with those of other establishments, can hardly fail to be satisfied.

Great care is taken in the selection of such kinds as

best suit our Western soil and climate.

Orders received will be promptly filled, securely packed, distinctly marked, and left at any Railroad Depot, Steamboat, or other place in the city, free of charge.

Descriptive Catalogues, containing prices, furnished to all applicants, and mailed to those who request by letter.

Jan. 56 ff.

CURRENTS AND RASPBERRIES.

WHITE GRAPE Currant SEEDS, saved from our specimen plants in 1856, will be sent pre-paid, in packages worth \$1, to all who enclose that amount.

CURRENTS, White Grape, Cherry, and a collection of eighteen other varieties, embracing all the novelties.

RASPBERRIES, Belle de Fontenay, a new French ever-bearing sort, fruit very large, and plants vigorous—a very distinct variety.

MERVEILLE OF FOUR SEASONS.—This is a variety which has been fully tested, and was awarded a premium at the New York State Fair, a fine display of fruit being exhibited in the month of October—it is by far superior to any of its class. The fruit is as large and as good as the Red Antwerp, and the annual crop is abundant—\$6 per dozen.

ELLWANGER & BARRY,

Mount Hope Nurseries, Rochester, N. Y.

N. B. Orders from unknown correspondents must be accompanied by the cash.

Ja. 3d.



CHICAGO AGRICULTURAL WORKS, WAREHOUSE AND SEED STORE,

NO. 204 LAKE STREET, CHICAGO, ILL.

EMERY'S PATENT CHANGEABLE RAILROAD HORSE POWERS, THRESHERS AND SEPARATORS, AND THRESHERS AND WINNOWERS.

Circular & Cross Cut Saw Mills;

PORTABLE GRAIN AND GRIST MILLS;

FELTON'S PATENT GRAIN AND FEED MILL;

GRAIN DRILLS, SEYMOUR'S, PENNOCK'S, MOORE'S, &c.

WHEEL CULTIVATORS, Ides', Rogers' and others.

CLOVER HULLERS, CRAWFORD'S PATENT;

DO DO MANFIELD'S DO

Cider Mills, Emery's and Hickok's:

HARROWS,	- - - - -	GEDDES' AND SCOTCH,
CORN SHELLERS	- - - - -	SMITH'S PATENT POWER SHELLER,
DO	DO	READING'S DO DO DO
DO	DO	ALL VARIETIES OF HAND DO
FANNING MILLS	- - - - -	MONTGOMERY FAN,
DD	DO	GRANT'S PATENT, Six Sizes:
DO	DO	EAGLE FAN.

HAY AND STRAW CUTTERS, A LARGE ASSORTMENT.

PLOWS

BREAKING AND STIRRING.

With a full assortment of

MACHINERY, AND IMPLEMENTS, &c.,

SEEDS, GRAIN, &c.

Wheat, Rye, &c., for Fall Sowing. Clover, Timothy, Blue Grass, Red Top, &c., &c.,
For Sale at

CHICAGO AGRICULTURAL WAREHOUSE AND SEED STORE,
204 LAKE STREET, CHICAGO, ILLINOIS.

HENRY D. EMERY & CO.



WHITLEY'S PATENT PORTABLE DOUBLE CIRCULAR SAW MILL.

PATENTED MARCH 4, 1856.

MANUFACTURED BY CLARK, AVERY & VOORHIES.

AT THE PEOPLE'S IRON WORKS,

Main street, between Florida and Mulberry streets, North of the Shot Tower, St. Louis, Mo.

The Simplicity, Cheapness, Durability, Strength and Easy Management of this Mill, makes it the best now in use. A glance at its combined improvements cannot fail to convince every person of the superiority over any other for making lumber. It is constructed with two Saws, one above the other, and in line with each other, so as to assist in cutting off the slab, swell, butts and knots, and splitting large logs. The top saw can be moved on the arbor, so as to cut two planks with one run of the carriage, and in cutting fencing it will cut from two to eight boards with the two saws. The after end of the two saw shafts are connected by an arm, which acts as a guid for both shafts, and serves for their adjustment, so as to have complete control of the saws whilst running, and keeping them true with each other whilst cutting. It is capable of sawing 1000 feet per hour, and will work without sawing crooked, in all kinds of timber. We warrant the Mills to perform in every respect as represented.

One of these Mills can be seen in operation at the PEOPLE'S IRON WORKS, where the public are invited to examine for themselves, and any information respecting them will be cheerfully given on application to our Agents, Wm. M. PLANT & CO., No. 14 North Main street, or to ISAAC L. GARRISON, President of the Home Mutual Insurance Company, corner of Main and Vine streets.

Horse Powers and Steam Engines furnished with the Mills at short notice and upon satisfactory terms.

CLARK, AVERY & VOORHIES.

St. Louis, September, 1856.



G. & C. TODD & CO.,
MILL FURNISHERS,

NO. 112 NORTH MAIN STREET

Corner of Morgan street,

SAINT LOUIS, MO.



TODD'S IRON BACK MILLS.

The construction of this Mill is simple and very durable. There is no complication in any part of it. The Stones are adjusted and operated in the same manner as in ordinary flour mills. The Mill can be entrusted with safety to the charge of any careful hand, and cannot fail to give entire satisfaction.

Todd's Improved Pressure and Self-regulating Mills.

These Mills are in extensive use, and are highly commended. Their construction is the same as the Iron Back Mills, differing only in the substitution of Pressure for weight of Runner. The weight of the Runner is sufficient for ordinary grinding, say from six to eight bushels per hour. When desired to do more, the Pressure applies to the extent required for the increased feed. It graduates and applies itself.

TODD'S CHALLENGE.

The under Stone of this Mill revolves.

For more than fifteen years we have been engaged in manufacturing these Mills, closely observing their performance, with a view to making such improvements as our experience might suggest. And now, we believe our Mill is the best of the kind in use. They are made with great care, and the distribution of metal throughout the whole arrangement is made with a view to strength and durability.

The principal objection to mills with the under stone for runner, is, First, the difficulty of keeping the stones in TRAM. Second, the stones being confined between unyielding points, rendering it difficult to discharge, without risk of breaking, harder substances than grain; for instance, nails, &c., that might, and which often do, fall between the stones. The first, we have overcome by a simple arrangement of adjusting screws at four equi-distant points in the bed plate, and corresponding screws in the upper rim of the frame in which the upper stone is secured. The screws are convenient of access, and the stones can be brought to a true level or Tram with ease and accuracy. The second and most serious objection is obviated by the application of Elastic Springs at four equi-distant points, so arranged as to receive the entire resistance of the stones in their grinding operation, and to yield for the discharge of hard substances with facility, and without risk to the mill. These springs are durable and do not add to the complication of the machinery.

BELTING.

For four years we have been manufacturing this article. One of the firm is an experienced and skilful workman, who gives his personal attention and labor to this department; every foot of belting passes through his hands, and if not suitable is condemned. Our machinery is of the most approved kind, and our leather is tanned in whole hides, selected expressly with reference to its fitness for belting.

Rubber Belting Hose and Steam Packing.

We are the only agents of the Boston Belting Company in this city, for the sale of these goods.

FRENCH BURR MILL STONES.

To this department of our business we have been to great expense in obtaining the best material produced by the quarries in France. Our stock is selected at the quarries, by one of the firm, who spends a portion of his time there. In selecting for our Portable Grain Mills the best article is obtained without regard to cost. Our stock is always large.

BOLTING CLOTH.

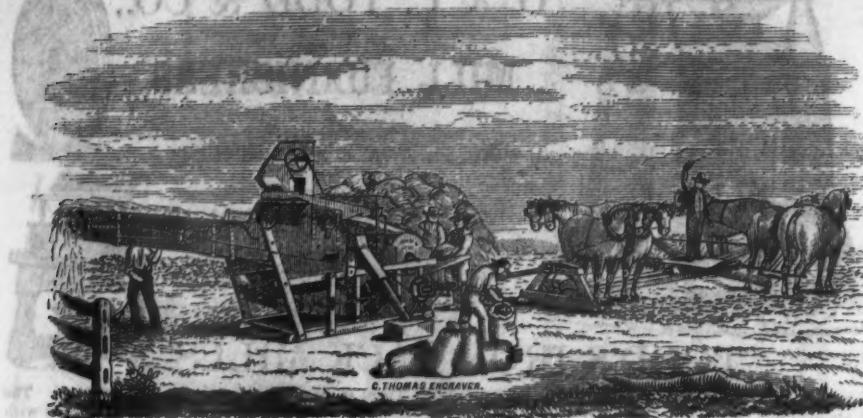
This article, so difficult to obtain of superior quality, is made expressly for us. Our orders are in the hands of the manufacturers a year in advance, that they may have time to select the best material (Silk) and employ their most skilful workmen, that they may produce the quality we want. We refer to the mill owners in the country, and especially in this city, respecting this article.

PRICES OF GRAIN MILLS.

2 foot Grain Mill with Pully	\$135.	Geared	\$160.
2½ " " "	170.	"	200.
3 " " "	225.	"	265.
3½ " " "	275.	"	330.

Screen Wire, Wrought Iron Spindles, Mill Picks, Hoisting Screws, Regulating Screws, Dam-sal Irons, Calcined Plaster of Paris, Copper Rivets, Lace Leather, &c., constantly on hand.

SOUTH-WESTERN AGRICULTURAL WORKS, LOUISVILLE, KENTUCKY.



C. THOMAS ENGRAVER.

RALSTON'S CELEBRATED THRESHER, SEPARATOR AND CLEANER.

The above engraving accurately represents these unrivaled machines, and we are now engaged in manufacturing them in the city of Louisville, Ky.

We claim for Ralston's Cleaner, the following advantages over all other machines of a similar character:

1st. It does up all the work by one operation, in the most desirable manner, thoroughly threshing out the wheat, whipping and shaking all the straw as it passes over the carrier, so as to shake out any loose grains carried in the straw.

2nd. It has two fans and two sets of riddles. The first blows out all the dirt and chaff, and separates the chaff, cockle, gravel, sand and small grass and weed seeds. The second separates the wheat with an additional shake and, blast, and delivers it well cleaned on either side of the machine, at a sufficient height from the ground to attach a grain bag, while the white caps are passed back to the feed board, to enter the thresher with fresh sheaves.

3d. The riddles are patented, and constructed of sheet iron, punched in such a manner as to allow the wheat and heavy substances to pass through, while the chaff, straw and threshed heads roll off without any possibility of choking them. Riddles constructed on any other plan will choke.

4th. The rope driving-belts, as well as the carrier-belts, are made of the best belting leather, which can be tightened or loosened in a moment by twisting or untwisting. These belts are more durable and less liable to get out of order than any other kind, while carriers formed of cast iron links are constantly liable to break and get out of order.

5th. Its durability and strength—being constructed of thoroughly seasoned wood, and the best quality of wrought and cast iron.

6th. Its ease of draft, and the amount of good work—greater than any other machine can be made to perform with the same power and number of hands.

7th. The ease with which it can be transported on common country wagons—three or four hands can load or unload in fifteen or twenty minutes. Directions for loading and unloading accompanying each machine.

8th. Our straw carriers are made of seasoned split hickory of the toughest quality, instead of turned ash, as many others, which are much more liable to break.

9th. The power is attached to the thresher by means of a tumbling shaft instead of a band, and this will be found a great advantage in all machines intended for threshing.

WARRANTEE.

In offering these machines to the public, we warrant every machine to be well made and to do good work to the satisfaction of the purchaser, or we will refund the money on return of the machine.

We make at present but one size of these Cleaners.

No. 1 Thresher, Separator and Cleaner, with power for eight horses, complete, \$310, delivered on steamboat or cars.

A liberal discount made to dealers. Orders from abroad promptly attended to.

MUNN & CO.,

no. 11. SOUTHWESTERN AGRICULTURAL WORKS, Louisville, Ky.

RANDALL & JONES'

IMPROVED

HAND CORN PLANTER,

Manufactured and sold by E. LEIGH,

Office with SMYTH & GORE, Commission Merchants, 38 Commercial street, St. Louis, Mo.

WITH THIS PLANTER

One Man

Will Plant and Cover

TEN ACRES A DAY

—AND—

Do it Well,

IN STRAIGHT ROWS

BOTH WAYS.

IT SAVES

Half the Laying Off

—AND—

ALL THE COVERING.



THIS MACHINE IS

NOT AN EXPERIMENT.

IT HAS BEEN

Thoroughly Tested

—FOR—

THREE YEARS

BY MANY OF

Our BEST FARMERS

AND HAS TAKEN RANK AS

A FIRST CLASS

Agricultural Implement.

This Planter is now fully proved to be a truly practical farming implement adapted to common use. Another year's experience has given it a still higher character, not only as a good planter, but as the best. For full particulars and testimonials see my circular, which will be sent to all who write for one. Randall & Jones' Corn Planter took the

FIRST PREMIUM at the late Agricultural Fair in St. Louis, and has received the highest marks of commendation at every fair where I have exhibited it. In Howard, Boone and St. Charles counties, special committees of practical farmers (some of whom had thoroughly tested it, and tested other planters in comparison with it) were appointed to examine and report upon it, and expressed their approval of it in the strongest terms.

The following from the highly complimentary Diploma granted at the St. Charles county fair, in which county it has been largely and thoroughly tested for two years, ought to be decisive:

The committee having examined, &c., "Report that this Planter plants with ease to the laborer, as much as three hands can plant in the usual way,—that the corn comes up sooner, and is cultivated with less labor,—and that the close dropping done by the planter does not impair the development of the stalks; and they consider this Planter so very worthy of notice, that they recommend our Association to call the attention of our farming community to it."

St. CHARLES, November 6, 1856.

JOS. H. ALEXANDER,
Recording Secretary.

"Having used this planter two seasons—planting 150 acres with it the present season—I can and do endorse every word of the above certificate. This year, two hands, on my farm, planted **SIXTEEN ACRES** in a half a day with a couple of these planters."

JOS. H. ALEXANDER.

PRICE AND WARRANTY.

Price \$10, with the privilege of returning it, if, after planting five acres (or more if desired) it does not suit. I desire no man to keep it who does not prefer to use it after giving it a fair trial.

I WARRANT IT TO GIVE ENTIRE SATISFACTION.

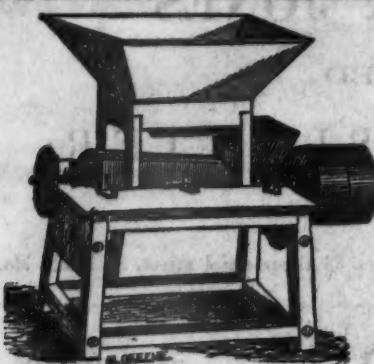
I am willing to have it put in competition with any other planter or mode of planting. If any man doubts its **SUPERIORITY** and will write to me, I will furnish him with the evidence of it, for I have it in abundance, having traveled extensively in this State and in Tennessee, being able to point to the men and the facts.

It will plant in Drills, or in Rows both ways. It will scatter in the hill, or put the seed close together. It will plant deep or shallow—in the bottom of a furrow, at the side of it, or two feet away from it, or in the top of a ridge. It will plant any how and any where, provided there is depth enough of earth to deposit the seed in.

This it has done, and will easily do again.

Feb. 56, '57.

PREMIUM MILL!


FELTON'S
Self-Sharpening Portable Corn Meal,
Corn Cob and General Feed Mill.

This Mill was awarded the First Premium at the St. Louis Fair for the above kind of grinding. It can be run by any kind of horse, water or steam power practicably. The No. 3 Mill is capable of grinding from 16 to 25 bushels of superfine meal per hour, and from 20 to 40 of corn and cob and other feed per hour, with from 3 to 6 horse power. No. 2 will do one-half the above amount with half the power.

These Mills are very durable, and any inexperienced person can run them. They have been tested for over two years, and all are in perfect order yet, and giving the best of satisfaction. The metal being harder than tempered steel, and truly self-sharpening, makes it more durable than a dozen common iron mills; therefore they are much cheaper.

Persons wishing a mill for grinding all kinds of grain in a grist mill, or to attach to a saw mill, are requested to try one of the Felton Mills, as they are warranted to grind twice as fast as a burr stone with the same amount of power; and if the grinding surface should ever wear out we will replace them at one-fourth the expense of keeping a stone in order the length of time they run, therefore save time in dressing stone, and expense of keeping a practical miller.

Price of mills all complete ready to run, No. 2, \$150; No. 3, \$200. For sale by our agents, Wm. M. PLANT & CO., No. 14 North Main street, and H. C. HOUTS & CO., No. 21 Market street, or at our office, 122 Market street, St. Louis, Mo.

De'56, 1. LOOMIS, NICHOLS & CO., PROPRIETORS.

SIGERSON'
NURSERY.

The proprietors of this NURSERY, situated a short distance South of St. Louis, Mo., are prepared to furnish from their establishment a more extensive and better selected stock of

Fruit, Shade, Ornamental Trees and Shrubbery, than they have ever heretofore been able to supply, and feel no hesitation in saying that scarcely a demand can be made on them which they cannot supply of the finest quality of Trees, Shrubs and Plants, to enumerate which, would require a much larger space than could be allowed to advertisers, and therefore invite all in want of a supply, to forward their orders for Catalogues and Bills of Prices, which will be forwarded promptly to all postpaid applicants.

Parties intending to procure trees the coming Spring should send their orders forward as early as possible, so as to enable the proprietors to fill and deliver them at the earliest possible time in the spring.

All communications should be addressed to

JOHN SIGERSON & BRO.,
St. Louis, Mo.

Ja, '56.]

IMPORTANT TO FARMERS!!


IMPROVED LITTLE GIANT
Corn and Cob Plantation Mill,

PATENTED MAY 18th, 1854.

Improved in 1856, with Tripple Crushers and Double Grinding Surfaces.

Persons in want of a Mill for preparing feed for Stock, are invited to take one of these Mills and try it in comparison with any other kind of Mill for the same purpose. If they are not found to do twenty-five per cent more work, and do it equally as well, if n't better, with the same, or less power, no charge will be made for the Mill.

THE IMPROVED LITTLE GIANT, No. 4, will grind from thirty to forty bushels per hour, with three horses.— Price \$80.

No. 3, twenty to thirty bushels. Price \$60.

No. 2, ten to twenty bushels. Price \$40.

Either of these mills may be changed to single grinders in a moment, requiring only half the power.

We have a No. 1 Mill, the old pattern, which is an excellent grinder. Price \$30. Grinds from four to eight bushels per hour with one horse.

The variation in quantity will be owing to the quality and condition of the corn, and the degree of fineness of grinding.

In regard to durability, we say, that No. 4 will last to grind 40,000 bushels, at least, before it fails to do its work well. Other sizes will be found equally durable in proportion to their size.

Jan. '56. JAMES B. CHADWICK,
No. 63 Locust street, between 2d & 3d, St. Louis, Mo.

LATOURETTE & WYMAN,

MANUFACTURERS OF

LINSEED AND CASTOR OILS.

OFFICE AND WORKS, Corner of Second & Columbia Sts.
SAINT LOUIS, MISSOURI.

Cash paid for Flaxseed and Castor Beans.

J. H. LIGHTNER,

No. 92 SECOND STREET,

between, Olive and Locust, St. Louis, Mo.
MANUFACTURER AND DEALER IN

STOVES.

Charter-Oak, Golden Era, and other select patterns—also, Parlor and Shop Stoves, Parlor and common Grates, Sugar Kettles, Dog-Irons, &c. Also—

PLOWS.

Moline, Peoria, Diamond and other patterns for Prairie Breaking, or Fallow; also, Contractor's Iron Plow, for Railroads.

[Ja, '56, 1y.

GEORGE KINGSLAND, LE ROY KINGSLAND,
DAVID E. FERGUSON:

**KINGSLANDS & FERGUSON,
Phoenix Foundry!**

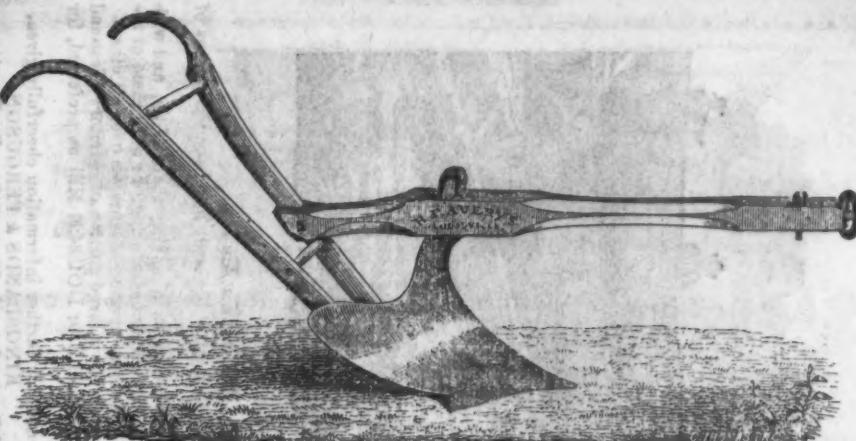
196, 198 & 200, Second Street, St. Louis, Mo.

MANUFACTURERS of PAGE'S PATENT PORTABLE SAW-MILLS, CHILD'S PANTENT DOUBLE SAW-MILLS and HORSE POWERS: COX & ROBERTS' PATENT THRESHER and CLEANER.

Thrusters with and without Separators, Lever Powers, Endless Chain or Railroad Powers, Corn and Cob Crushers, Corn Shellers, Plows, Bark Mills, and Mill Machinery.

CASTINGS of every description, made to order at short notice.

jan. '56.



BENJ. F. AVERY'S
Iron Fonndry and Plow Manufactory,

CORNER OF MAIN AND FIFTEENTH STREETS, LOUISVILLE, KENTUCKY.

I am prepared to order all descriptions of light Castings, neatly, and at satisfactory prices. My Foundry is intended for doing light work. I Will also make to order, Corn Shellers, Straw Cutters, &c.

I am making, in my factory, the Cast Iron Plow, exclusively. My patterns now number over thirty different sizes, embracing Right and Left Hand and Sub-Soil plows. They have all been made by Thos. Laird, Esq., the patentee of the Livingston county plow; whose skill as a mechanic, and especially as a plow pattern maker, cannot be surpassed. His first effort in this direction, caused the wonderful improvement in plows that has been going on in the State of New York for the last fifteen years. In my own plows, "Avery's Louisville," my great object has been, so to shape the mold-boards that they will easily scour and keep bright in the very adhesive and light soils of the West and South. This I have fully accomplished in all my short plows, which approach somewhat the forms of the "Rounder" Steel mold plows. They have been widely tested for more than three years, and in all soils have scoured well. This important truth, that the "shape" of the mold-board, "not the cast iron of which it is made" prevents the plow from scouring, has been most triumphantly demonstrated by these plows. I have a great variety of forms, presenting different angles to the furrow slice, both in elevating and inverting the soil. Many of my latest patterns have the front cutting angles small, which as they extend back, gradually assume the broad, bold angles of my shorter patterns. The plows of this series have thus far given universal satisfaction. They scour well, and perhaps will do so in all soils; whilst they are better adapted to deep, thorough work, than the short plows. I have three sizes of Sub-Soil plows. My largest size, No. 2, has been made with reference to doing deep work. It is probably higher in the standard or havel, than any Sub-soil from other manufacturers.

As a most substantial evidence of the popularity of my plows, I refer to my regularly increasing sales, especially in those localities where I have been selling longest. In Memphis and its vicinity, last year, when business generally was paralyzed by great scarcity of money, I sold about two thousand plows. For the last three years my sales have increased annually over one thousand, and this season I am prepared to turn out seven thousand. As my foundry is almost exclusively for making plow castings, I am using such metals as are best adapted to that work. Whilst the castings are very tough and strong, they are yet sufficiently hard to form, on the Points and Edges, a strip as hard as hardened steel, and susceptible of a polish as high.

By referring to the subjoined list of retail cash prices of some of my plows, their cost, as compared with the steel

plows, may be nearly ascertained. One cast iron mold-board plow will last as long as two steel ones; whilst the yearly cost of running it, will be found to be about one half that of the steel plow. The cast point or share can be put upon the plow, by any plow boy, in ten minutes, which will renew all the cutting front, and give to the mold-board and plow, its shape as at first made. This fact alone is of more value to the planter and farmer, than the entire cost of the best steel plow they can buy.

I am making large quantities of large, solid bent handles, which I will sell at \$10 per hundred. These are made upon a beautifully simple and effective machine, by which any day laborer can bend at the rate of 50 per hour, using the escape steam of the engine for softening them. This machine I have recently patented; which, with the right to use it, I will sell to all who may desire to bend plow handles well and satisfactorily. An oak tree that will split into a thousand handles, can be bent by this machine with the loss of scarcely a single handle.

I would also state that I have recently obtained letters patent for valuable improvements on my Louisville Plow. Retail cash prices, at my factory, of some of my plows, including one extra point for each.

SHORT PLOWS.			
No. 13.....	\$3.50	Points 15c each	
" 8.....	3.75	" 20c "	
" 7.....	4.00	" 25c "	
" 12.....	5.00	" 30c "	
" 12 B.....	5.25	" 30c "	
" 15.....	6.00	" 30c "	

MEDIUM ANGLES.

No. 11.....	\$4.00	Points, 25c each	
" 14.....	4.00	" 25c "	
" 16.....	4.50	" 25c "	
" 18.....	5.50	" 30c "	
" 19	These three patterns are now being made.		
" 20	They correspond very nearly to Nos. 14, 16		
" 21	and 18—having the lock or point instead of being cast solid.		

Wholesale prices in Circular.

*This plow throws a very high cotton bed.

†This is not so short as the other Nos. but good for deep work.

W. F. FAUST,
PRACTICAL LANDSCAPE GARDENER,

SAINT LOUIS, MO.

Furnishes Plans for the Improvement of Public or Private Grounds. Will also give personal supervision to laying off Grounds. Application may be made in person, or by letter through the St. Louis Post-office.



PAGE'S PATENT

PORTABLE CIRCULAR SAW MILL,

WITH STEAM POWER THESE MILLS are capable of sawing from THREE to EIGHT Thousand feet of lumber in a day, varying according to the power applied and kind of timber sawed.

With Horse Power, are capable of sawing from ONE to TWO thousand feet per day, according to the kind of timber sawed, and with either STEAM, WATER, or Horse Power, will saw

more lumber and in a better style, than any other kind of mill now in operation.

With the CHILD'S PATENT DOUBLE MILL, any sized timber can be sawed.

The simplicity in their operations, durability and adaptation of these Mills to the wants of the country, and successful practical operation of those in use,

together with their becoming almost entirely used, has been the means of establishing their great reputation.

With our experience for the past ten years in making these Mills, and with improvements and increased facilities in manufacturing, we offer them to the public with the fullest confidence of their superior advantages over all others.

Having the right of manufacturing for a large portion of territory West and South, we can furnish either the SINGLE or DOUBLE Mill as preferred, for Steam, Water or Horse Power.

Orders respectfully solicited, and any further information cheerfully given.

KINGSLANDS & FERGUSON,
PHOENIX FOUNDRY, CORNER OF SECOND AND CHERRY STA. ST. LOUIS.



HEDGE FENCES.

LOGAN SLEEPER, St. Louis Mo., will attend to all calls for Setting or completely Growing HEDGE FENCE in St. Louis and St. Charles counties, and in Central and Southern Illinois. Gives prompt attention to orders from all places, near and distant.

Orange Orange Seed and Plants, good and fresh, always on hand. Printed Instructions accompany them when desired. Plants can be sent any distance, and set with safety any time during the three months of April, May and June, and in the fall, from the time of the first frost till the ground freezes.

Oe.'56

AYRE'S CHERRY PECTORAL.

For the rapid cure of Coughs, Colds, Bronchitis, Hoarseness, Whooping-cough, Asthma and Consumption, is universally known as the best remedy ever yet discovered for every variety of Pulmonary disease. So wide is the field of its usefulness, and so numerous the cases of its cures, that almost every section of the country abounds in persons publicly known, who have been restored from alarming and even desperate diseases of the lungs by its use. When once tried its superiority over every other medicine of its kind, is too apparent to escape observation, and where its virtues are known, the public no longer hesitate what antidote to employ for the distressing and dangerous affections of the pulmonary organs which are incident to our climate. By its timely use many, if not almost all attacks of disease upon the lungs or throat, are arrested and thus are saved many thousands every year from a premature grave. No family should be without it, and those who do neglect to provide themselves with a remedy which wards off this dangerous class of diseases, will have cause to deplore it when it is too late. Proofs of the surprising efficacy of the Cherry Pectoral need not be given to the American people, they have living proofs in every neighborhood. But those who wish to read the statements of those whose whole health has been restored and whose lives have been saved by its use, will find them in my American Almanac, which the agent below named has to furnish gratis to every one.

Prepared by JAMES C. AYER, Practical and Analytical Chemist, Lowell, Mass.—And sold by BERNARD, ADAMS & CO., St. Louis, and all druggists.

mar. 31

AGRICULTURAL & MECHANICAL SOCIETIES ATTENTION!

We are now prepared to manufacture under our own supervision all kinds of

Premiums for State & County Societies.

—ALSO—

We have constantly on hand a large assortment of Gold and Silver Watches; Clocks, Jewelry, Silver Ware and Fancy Goods, which we will sell low at wholesale or retail.

H. JACCARD, & CO.

June 1st.

No. 75 Fourth street, St. Louis, Mo.

SIGERSON'S

SEED STORE & AGRICULTURAL WAREHOUSE,

Corner of Broadway and Wash Streets, St. Louis. THE undersigned beg leave to acquaint their numerous customers in the West, that they will have for sale this spring, the largest and best selected stock of

Field, Garden and Flower Seeds, ever offered for sale in this market; and to which will be added a large and complete stock of

AGRICULTURAL IMPLEMENTS,

Embracing every conceivable variety likely to be wanted by Farmers and Gardeners. They pledge themselves that their stock for the Spring has been selected from the most reliable manufacturers in the East, and with unusual care.

They flatter themselves that their experience in Agriculture and Horticulture, has enabled them to make such selections as will give the most entire satisfaction to their customers. JOHN SIGERSON & BRO.

Agricultural and Horticultural Books.

THE undersigned take pleasure in stating to their former patrons and the public generally, that they have now on the way from the East, by Express, the most full, complete, and best selected stock of Agricultural Books ever offered in the West. A Descriptive Catalogue of Agricultural Implements, Field, Garden, Flower seeds, Agricultural and Horticultural Books, &c., will be forthcoming in a few days, and will be furnished to all post paid applicants free of charge.

JOHN SIGERSON & BRO.

Corner of Broadway and Wash sts., St. Louis, Mo.

NURSERY.

JULIUS MALLINCKRODT, near Augusta, a Port on the Missouri River, St. Charles Co., Mo., has a large supply of Fruit Trees and Plants, for sale this season 1856, '57, consisting of

Winter Apples,	Peaches,	Apricots,
Fall do	Cherries,	Plums,
Summer do	Pears,	Catalpas, &c.

Agency in St. Louis at the

MISSOURI SEED STORE AND AGRICULTURAL WAREHOUSE,
J. & A. LARGUE,
No. 4, North Main Street.

NEW
AGRICULTURAL
WAREHOUSE



AND
SEED
STORE

DAVID LANDRETH,
WHOLESALE AND RETAIL DEALER IN
Garden, Grass and other Seeds.
MACHINE, AGRICULTURAL IMPLEMENT AND TOOLS.
No. 18 South Main street,
SAINT LOUIS, MO.



Manufactured at Landreth's Agricultural Works,
Bristol, Pa., and for sale in St. Louis, at his Ware-
house, only.

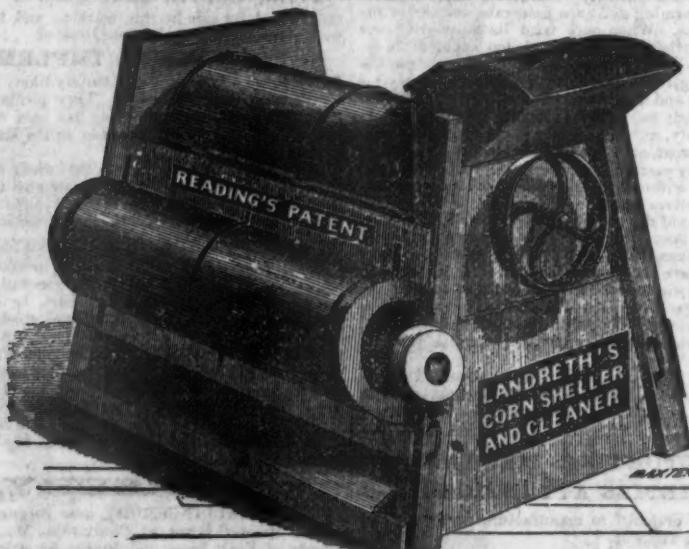
Farmers will take notice, this Sheller has Concave
Feeding Wheels and Bevelled Cogs, to prevent choking,
and are warranted superior to any other Hand Sheller
now in use.

Price \$28.00. A liberal discount to Wholesale Pur-
chasers.

D. LANDRETH.

No. 18 South Main Street.

LANDRETH'S CORN SHELLER AND CLEANER



READING'S

This machine is truly extraordinary in its power and capacity, and will unquestionably work an important
change in the cost of preparing corn for market; and it is by no means too much to say, will save the farmers of
the great corn producing States Tens of Thousands of Dollars yearly. With a new one horse tread power, One
Hundred and Forty bushels of Ears have been shelled within an hour, not as an experiment, but as ordinary
labor. For sale only at

Price with Fan.....\$75.00
* without Fan.....\$60.00

LANDRETH'S AGRICULTURAL HOUSE,

No. 18 South Main street, St. Louis, Mo.

[Jan. '56]

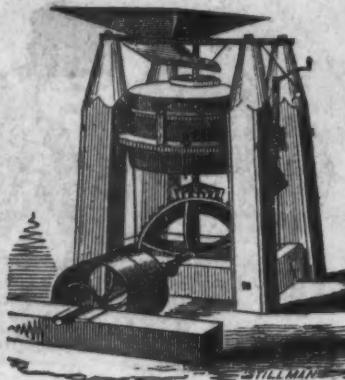
M. G. MOIES & CO.,

NO. 16

ARE

Main street,

ST. LOUIS, MO.



Sole Agents

FOR THE SALE OF

STRAUB'S CELEBRATED CORN AND WHEAT MILL QUEEN OF THE SOUTH.

PATENTED JUNE 27, 1854.

This remarkable Mill has been kept secured to the inventor by caveat—recently, however (27th June, 1854)—Letters Patent for the United States have been granted, securing the invention for 14 years. This Mill has sustained itself wherever it has been brought into competition with other Mills. It was run against the other make of Mills of our city at the Ohio State Fair, in 1850, when it drew a Diploma as the best Corn Mill and was awarded a fine silver medal.

Of these mills we manufacture five sizes for corn, and three expressly for grinding wheat flour.

The peculiar novelty of this mill is, the under stone is the running stone, in all cases. There is no limit to the speed, and as speed is everything in grinding, it will out-grind any upper runner in the world.

Secondly: By this arrangement, we are enabled to get grain into the Mill with a very small eye; consequently we grind nearer to the centre, and of course with less power than any upper runner can be made.

Thirdly: Our mill takes any kind of grain without choking. We warrant against choking in all cases. This is a great vexation, causing delay and trouble in all Mills where the upper stone is the runner. Of course, we mean small mills, where the motion must be high to do much business.

Fourthly: Our Mills never take injury by running empty—the under stone not touching the upper one, no injury can be done. This is an important advantage over all Mills whose upper stone is the runner. Ten minutes running without feed—where a heavy runner is balanced on a rye—will do the Mill more injury than six months proper using.

Fifthly: In all Mills where the upper stone is the runner, there is often much trouble to keep the bush properly oiled; if neglected, the Mill must take injury. Our mills are free of this, because we have no bush in the Mill. We have a bearing entirely above all the stones, in sight, and can be oiled at any time when grinding.

We manufacture our Mill stones of the best French Burr Blocks the market affords, all of which we warrant superior.

Queen of the South, with Corn Crusher Attached. "COMBINATION MILLS."

PATENTED JULY, 1854.

This Crusher was on exhibition at the Fair of the Mechanics' Institute, last fall, where it was run by steam. It was awarded the first Premium and Diploma. The committee appended the following complimentary remark:—"We Regard Mr. Straub's Corn Crusher the most useful, as well as important invention of the day. Every farmer ought to have one."

The Cob Breaker is placed immediately over a pair of French burrs, the burrs performing the pulverizing; and when they get dull, in a short time can be sharpened, and thus the cutting edges can be restored. Not so with a metal crusher: when the cutting edges get dull, which they soon will do, the crusher may as well be thrown away. In our judgment, no metal crusher ever did, or ever will, make good, soft, fine, cob food. To make this valuable article for stock, it must be ground through mill stones; for, be it remembered, some parts of a cob are as hard as a hickory knot, and, if not softened under a mill stone, is indigestible; and the stock will have frequent attacks of the scours, and be much injured.

Cob feed is an excellent article for sheep, milch cows, mules, cattle and horses—the cob acting as a cooling alloy. In this view of the case it is even better than hay, because it will be better mixed with the corn than hay, and the heating in the stomach prevented.

The Cob Breaker can be taken off, and hopper put on the mill, and corn meal for the family can be ground, as well as chopping rye, or any small grain for horse feed, etc.

We place this Cob Breaker on any sized mills, from 14 to 20 inches in diameter.

By steam power, fifteen bushels per hour can be easily made fine from the whole ear of corn; and about three bushels per hour for every horse put in.

For Descriptive Pamphlet apply to the Agents.

Jan.'56.

SINGER'S SEWING MACHINE.

Perhaps there is nothing in this age of improvement, that has effected in so short a time such a complete revolution in domestic economy, as the Sewing Machine. To Mr. SINGER belongs the honor of having brought it to its highest perfection. He has succeeded in combining all the merits of machine sewing and concentrated them in a **Single Machine**. Thousands both in America and Europe who are now enjoying its advantages can attest his success, while both hemispheres have conferred upon his invention the highest honors in the shape of medals and premiums.

SINGER'S WONDERFUL MACHINE is so simple that a child of twelve years can be taught to operate it in a few hours; while its power, its speed, its fine, yet beautiful seam, its adaptability to every kind of sewing, whether of one fold or a dozen folds of cloth, silk, linen or leather, a lady's garter, boot, or a tough harness trace, the machine performs the work of from ten to fifteen hands with astonishing ease, firmness and delicacy.

IT IS THE FAMILY MACHINE, PAR EXCELLENCE.

SINGER'S SEWING MACHINE makes a beautiful, even, strong, unravelling seam. There is no WASTE OF THREAD, woven up into a useless pile and forming a heavy chain-stitch, liable to be worn away by friction or unravelled out by the slightest accident. It is a well authenticated fact that a garment made by a Singer Machine will sell for considerably more than one made by hand of the same material.

When you buy a Singer Machine, therefore, you feel satisfied that it is not a worthless toy, though sufficiently elegant to grace a lady's boudoir, but that you have got a substantial, reliable article, warranted to do nine-tenths of the sewing of your household in the shortest conceivable time, relieving your wife from the never-ending drudgery of the needle, and preserving her from the long train of disease concomitant thereto, while her cheek shall retain the rosy hue of health and her heart glow with gratitude for her deliverance.

When it is considered that \$1,000 a year is a fair estimate of the earnings of a good operator, the cost of a machine, though apparently large, is in reality a trifle. The Mantua maker should remember that with a Singer machine the finest dress can be made in from one to two hours. The harness maker, shoe maker and tailor, should bear in mind that they might realize a large profit themselves that now goes to the Eastern manufacturers, who all use Singer's Sewing Machines. These machines are sold at

Singer's Western Depot,
65 FOURTH STREET, ST. LOUIS, MO.,

Under the following guarantee, viz: Each machine is

WARRANTED not to get out of order if fairly used!

WARRANTED to be the best Sewing Machine in the world!!

WARRANTED to be the only machine that will sew everything!!!

OR THE MONEY REFUNDED.

The reputation of Singer's Sewing Machines is spreading far and wide with unexampled rapidity. But as the price appears large to those who are not fully conscious of the wonderful capacity of the Machine, people naturally desire to be perfectly satisfied that the investment is a good one before purchasing; hence applications from persons at a distance to their friends and acquaintances in Saint Louis, for reliable information are so numerous that the task of replying has become quite onerous.

The annexed Certificates will, it is thought, satisfy the most skeptical.

The following is from the lady of Rev. C. B. PARSONS, D. D.:-

St. Louis, January 30, 1856.

Mr. EDWIN DEAN, Sir:—I am using one of Singer's Sewing Machines, and am satisfied that it fully realizes your recommendation. I have much pleasure in making this statement, which I do for the benefit of those, who, like myself, may feel an interest in what I consider one of the most remarkable and perfect improvements of the age.

MRS. E. C. PARSONS.

"We fully subscribe to the above,"

STICKNEY & SCOLLAY, Proprietors of the Planters House.

BARNUM & FOGG, Proprietors of St. Louis Hotel.

"I have tried other sewing machines in my business of dress making, and most decidedly prefer Singer's, which I am now using."

MRS. T. DICKENSON, 1 North Fourth street.

"Singer's Sewing machines are undoubtedly unrivaled in for manufacturing clothes."

BROWN, THATCH. & CO., 72 Main street.

"We are using Singer's Machine in the Manufacture of gentlemen's boots and shoes, and are satisfied they are not recommended too highly."

J. H. PORTH, 47 Locust street.

All who call will be courteously furnished with every information, whether they are led by curiosity or a desire purchase. Satisfactory statistics will be exhibited proving the reputed \$10 Sewing machine a humbug and an impossibility.

EDWIN DEAN, AGENT.





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EDWIN DEAN, AGENT.





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SOUTH-WESTERN,
SEED AND AGRICULTURAL WAREHOUSE,
PITKIN BROTHERS,
NO. 515 Main Street,
LOUISVILLE, KENTUCKY,

KENTUCKY BLUE GRASS SEED.—We are prepared to furnish, in any quantity, Fresh and Genuine Blue Grass Seed, separated from the stem in a superior manner by a new process, which divests it of much of the chaff, and enables a given quantity to cover nearly three times as much ground as the seed usually sold in market.

OSAGE ORANGE SEED.—We are the largest dealers in the United States, in Osage Orange Seed. One of our firm devotes his whole time and attention to this particular branch of our business, and we presume "Pitkin's Osage Orange Seed" is too well known to need further comment. Pamphlets, giving all necessary information respecting planting the seed and growing the hedge, furnished to all applicants.

GARDEN SEEDS.—We are prepared to furnish Genuine Garden Seeds, of the growth of 1856, by the pound or by the single paper, or neatly packed in boxes, containing 100 or 200 papers each. A liberal discount made to dealers.

List of Seeds, &c., which we Deal in largely:

KENTUCKY BLUE GRASS,
ORCHARD GRASS,
RED TOP, or Herd Grass,
TIMOTHY,
CLOVER,

OSAGE ORANGE,
MILLET,
HEMP,
CANARY,
TOP ONIONS.

Our Stock of Implements Consists in Part of

HORSE POWERS,
THRESHING MACHINES,
MOWERS and REAPERS,
STRAW CUTTERS,
CORN SHELLERS,
WHEAT FANS,
CORN PLANTERS,
GRAIN DRILLS,
CHAIN PUMPS.

CORN MILLS,
CORN and COB CRUSHERS,
AGRICULTURAL FURNACES,
MEAT CUTTERS,
SAUSAGE STUFFERS,
PLOWS, all sorts,
HARROWS,
CULTIVATORS,
WHEELBARROWS, &c., &c.

We are also agents for the sale of the celebrated

"LOUISVILLE HYDRAULIC CEMENT or WATER LIME."

Also on hand and for sale, WHITE SAND, CALCINED PLASTER, AGRICULTURAL PLASTER, WHITE LIME.

Pitkin Brothers,



FRUIT TREES.

The subscriber begs leave to inform the citizens of St. Louis and vicinity, that he has now on hand for Spring Sales a large assortment of

FRUIT AND ORNAMENTAL TREES.

He has made such arrangements with Nurseries at the East that he can fill all orders with promptness and despatch. He has now on hand an assortment of

APPLES, PEACHES, PARS, CHERRIES, &c., &c.

Persons wishing to plant choice Fruit Trees would do well to call and examine his stock before purchasing. They can be seen at No. 16 South 16th street, between Market and Clark Avenue. Trees well packed and shipped to any distance, and warranted true to name.

Offices at PLANT & CO.'s Seed Store, No. 203 North Fourth street, or 218 Broadway. All mail orders should be addressed to box 744, St. Louis, Mo.

Jan. 1st. A. A. BARNARD.

ADVERTISEMENTS

To secure insertion in the Valley Farmer, must be received in our office, as early as the 15th of the previous month. See terms.

Lyon's Kathairon

Has now become the standard preparation for the HAIR. Its immense sale, nearly

1,000,000 BOTTLES

Per year, attests its excellence and great superiority over all other articles of the kind. The ladies universally pronounce the KATHAIRON to be, by far, the finest and most agreeable article they ever used. It RESTORES the Hair after it has fallen out; INVIGORATES and BEAUTIFIES it, and imparts a Delightful Perfume. Sold by all dealers throughout the United States, Canada, Mexico, Cuba and South America, for

25 Cents per Bottle.

HEATH, WYNKOOP & CO., Proprietors,

63 Liberty street, New York,

Manufacturers, also, of Perfumery of all kinds, and in great variety.

Jan. 6th.



FIRST PREMIUM AND DIPLOMA AWARDED BY THE LATE
MISSISSIPPI VALLEY FAIR

TO

COX & ROBERTS' PATENT THRESHER AND CLEANER!

The sales of these Machines last year, was double that of any preceding one, and it was with great difficulty that the demand could be supplied. From our increased facilities in manufacturing, and the care taken in selecting materials, we are now able to offer them to the public as the best Machine made for the farmer. They thresh and clean the grain ready for market, and are considered by those having them in use to be the most simple, cheap and durable offered for sale.

Our Lever Powers are an improvement on any now in use, being extremely simple and portable. The Endless Chain or Railroad Horse Power is very durable—wrought iron links being used instead of cast iron, consequently are not liable to break or wear out.  Any further information cheerfully given.
March 1st.

Owner of Second and Cherry streets, St. Louis, Mo.

W. KINGSLAND & FERGUSON,
Corner of Second and Cherry streets, St. Louis, Mo.

March 1st, 1860.

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SAINT LOUIS.

This celebrated Racer and Stallion will stand the present season at my stable in St. Charles county, Mo., five miles above St. Charles, on the Boone's Lick Road. Particular care will be taken to prevent accidents or escapes, but will not be liable for any should they happen. Saint Louis has been so often advertised that it is useless to say more. He has been four times exhibited at public fairs, and in every instance the first premium has been awarded to him as the best Blooded Stallion.

JOHN P. WHITE.



FRUIT AND ORNAMENTAL TREES.

He has made such arrangements with Nurseries at the East that he can fill all orders with promptness and despatch. He has now on hand an assortment of

APPLES, PEACHES, PEARS, CHERRIES, &c., &c.

Persons wishing to plant choice Fruit Trees would do well to call and examine his stock before purchasing. They can be seen at No. 16 South 16th street, between Market and Clark Avenue. Trees well packed and shipped to any distance, and warranted true to name.

Office at PLANT & CO.'S Seed Store, No. 203 North Fourth street, or 218 Broadway. All mail orders should be addressed to box 744, St. Louis, Mo.

jan. 1f. A. A. BARNARD.

A Thorough Bred Durham Bull for Sale.

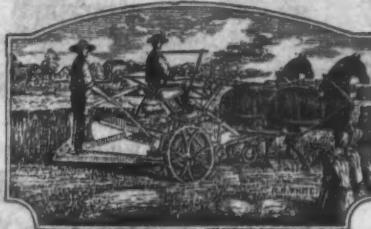
I having used my bull "Advance," (199) American Herd Book, I now offer him for sale. For pedigree see 199 Am. H. B.

For particulars apply to the undersigned by mail, at Vermont, Cooper county, Mo., or in person, at his farm near the above place.

no. 4, 31. ELISHA N. WARFIELD.

NEW SEED AND AGRICULTURAL WAREHOUSE.

On Sixth street, between Main & Market sts.
LOUISVILLE, KY.



In addition to the manufacture and sale of MANNY'S IMPROVED PATENT COMBINED MOWING and REAPING Machines, at my old stand on Sixth street near Main, I have opened a general

Seed and Agricultural Warehouse,

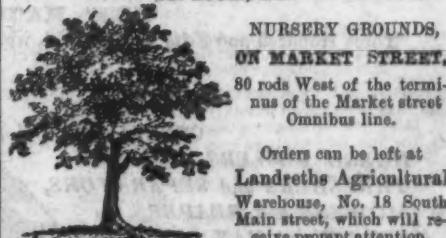
where may be found all the articles usually kept in similar establishments, consisting in part of the following: Manny's Combined Mowing and Reaping Machine, with all the improvements; Horse Powers and Threshers, Straw Cutters, Corn Shellers, Wheat Fans, Clover Mills, Plows of various kinds, Harrows, Cultivators, Horse Rakes, &c., &c. Also Scott & Hedges' Little Giant Corn and Cob Mills of the various sizes, and also their new Patent Steam Boilers.

SEEDS,

I have also a complete assortment of fresh and genuine Garden Seeds, at retail or by the box, at a liberal discount to merchants. Also Grass Seeds, embracing Clover, Orchard Grass, Timothy, Red Top and Millet Seed; Also Kentucky Blue Grass, Cleaned in a superior manner; Chinese Hemp Seed, Orange Orange Seed, Orange Orange plants, &c., &c.

Also FRUIT TREES; Brooks' New Seedling Strawberry Plants. Chinese Sugar Cane Seed sent in packages by mail.

THOS. S. COLEMAN,
NURSERYMAN AND FLORIST,
ST. LOUIS, MO.



NURSERY GROUNDS,

ON MARKET STREET,

80 rods West of the terminus of the Market street
Omnibus line.

Orders can be left at
Landreths Agricultural
Warehouse, No. 18 South
Main street, which will re-
ceive prompt attention.

Our stock for present sales are from E. B. Coleman's Peoria Horticultural Garden and Nurseries, and for quality, beauty and thriftiness of growth, are rarely equalled. It includes a choice selection of Apple, Pear, Peach, Plum, Cherry and Quince Trees; also Dwarf Pear, Dwarf Cherry and Dwarf Apple Trees, together with Grape Vines, Strawberries, Gooseberries, Raspberries, Lawton Blackberries, Currants, Ornamental Trees, Shrubs, Vines, Plants, Nursery Stocks, &c., &c.

Those who will examine our stock and compare prices with those of other establishments, can hardly fail to be satisfied.

Great care is taken in the selection of such kinds as best suit our Western soil and climate.

Orders received will be promptly filled, securely packed, distinctly marked, and left at any Railroad Depot, Steamboat, or other place in the city, free of charge.

Descriptive Catalogues, containing prices, furnished to all applicants, and mailed to those who request by letter.

jan. 56 tf.

**ST. LOUIS AGRICULTURAL WAREHOUSE
AND SEED STORE,**
ESTABLISHED 1845, BY W. M. PLANT.

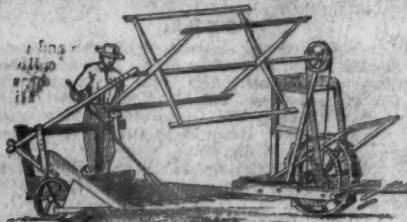
WM. M. PLANT & CO.,
WHOLESALE AND RETAIL DEALERS IN
**Agricultural Implements and Machines,
GARDEN, GRASS AND OTHER SEEDS,**

No. 14 North Main Street, between Market and Chesnut sts.,

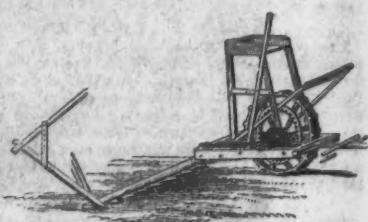
 **SIGN OF THE GILT PLOW.**

ALSO, NO. 203, FOURTH ST., (TWO FRONTS,) NO. 218, BROADWAY,
between Morgan Street and Franklin Avenue, St. Louis, Mo.

READ'S REAPEK.



READ'S MOWER.



READ'S COMBINED REAPER & MOWER.

BEST MACHINE IN USE.

Three Hundred and Fifty sold in 1856, which gave the best of satisfaction. Price \$140.

CONSTANTLY ON HAND AND FOR SALE,

HORSE POWERS,
THRESHERS and SEPARATORS,
MOWERS and REAPERS,
STRAW and HAY CUTTERS,
CORN SHELLERS,
IRON MEAT CUTTERS,
HARROWS and HORSE HOES,
PLOWS, many kinds,
AGRICULTURAL FURNACES,
FAN MILLS,
GRIST MILLS,
SAW MILLS,
CORN and COB MILLS,
SEED and GRAIN MILLS,

AGRICULTURAL TOOLS,
HORTICULTURAL TOOLS,
BOOKS,
TIMOTHY SEED,
CLOVER "
RED TOP "
ORCHARD GRASS SEED,
BLUE GRASS "
HEMP "
MILLET "
CANARY "
GARDEN SEEDS,
FLOWER "

CHINESE SUGAR CANE AND CHINESE HEMP SEED.

Soon after the middle of February our Descriptive Catalogue, with prices, will be from press, which will be mailed to applicants gratis, when a three cent stamp is received to prepay postage.

WM. M. PLANT & CO.



Two Horse Power, Thresher and Separator.
Price—\$200 00.



Two Horse Power with Wood Saw Mill.
Price—190 00.

Changeable Railroad Horse Power

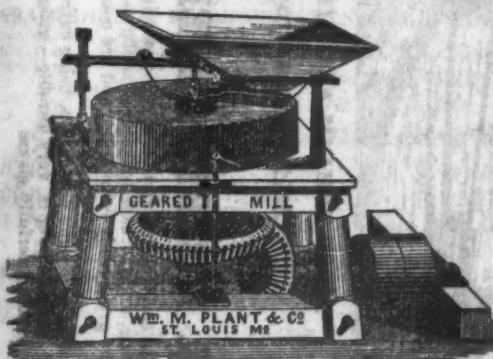
WITH THRESHER AND SEPARATOR

We have been selling the above justly celebrated Machines, over five years, and can safely say they are the *best* Railroad Horse Power now before the public. Without exception they have given universal satisfaction, not one having been returned, notwithstanding the warranty is broad and liberal. This Power is admirably adapted for driving THRESHERS, CIRCULAR and CROSS-CUT SAWS, PUMPS, FERRY BOATS, PILE DRIVERS, GRIST and CIDER MILLS, CORN SHELLERS, HAY and STRAW CUTTERS, &c. They will admit of *four* variations of speed, without any *change* in elevation of Power, and the speed of the horses is *always the same*. This is *one* of its *principal features*, which *no other* power possesses. The Two Horse Power, Thresher and Separator, is capable, with four men, of threshing from 150 to 225 bushels of Wheat or Rye, and double that quantity of Oats per day. Price, complete, \$200 00.

A large supply on hand and for sale by

Wm. M. PLANT & CO.

BURROW'S PATENT GRIST MILL.



THESE Mills are composed of the best quality of French Burr Blocks, enclosed in a Cast Iron Case to give strength and weight to the Stone which is indispensable in small Mills, where the stone is run with great speed, and becomes dangerous if not strongly made.

They can be run with Steam, Horse, or Water Power and do not require a millwright to set them up, as they are already trimmed to run.

By the steady application of Three Horses on a good Lever Power, the 24 inch geared Mill (\$150) run 240 revolutions per minute—will grind from 5 to 8 bushels of good meal per hour, and will grind Wheat as well as Corn. The 30 inch Mill, if put to its fullest speed, will grind from 10 to 15 bushels per hour.

We have been agents for these superior Mills since 1852, and all have been sold on a warrant to perform as above, and not one has failed to give the very best of satisfaction.

We offer them to the public with a full guarantee that they are superior both in point of work and workmanship, to any other Portable Grist Mill now in use.

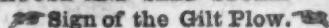
Descriptive circular furnished gratis to applicants.

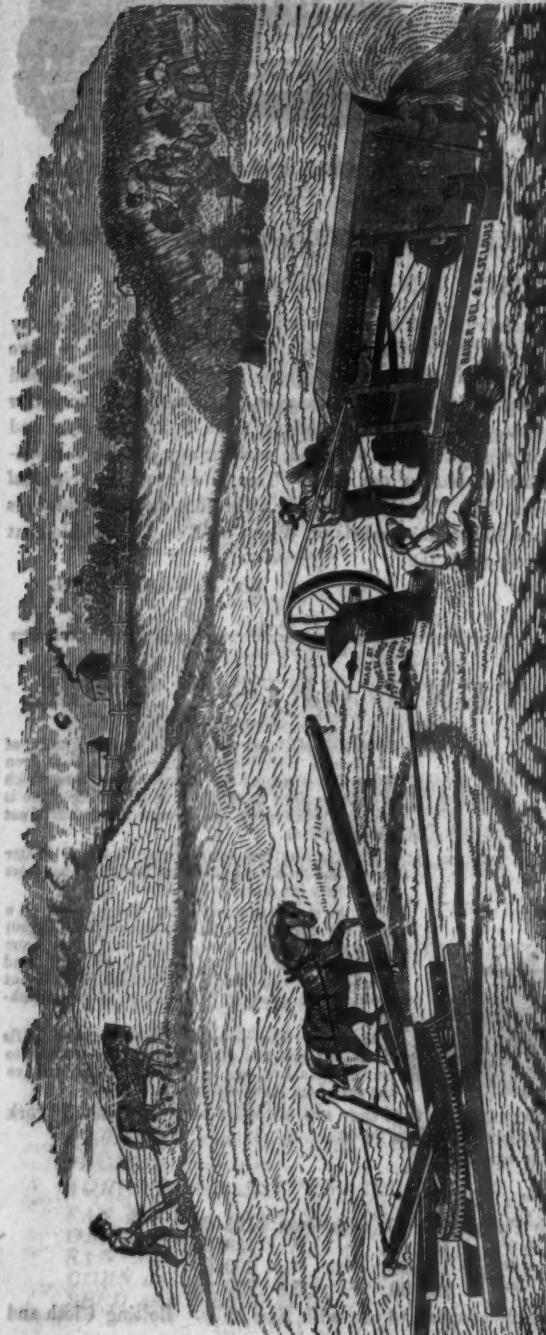
PRICES.

20 inch Stone with Pully	\$115 00	with Gear	\$125 00
24 " " " "	135 00, " "	" "	150 00
30 " " " "	175 00, " "	" "	200 00
36 " " " "	225 00, " "	" "	250 00

The 30 inch, with Gear, is admirably adapted to use with Saw Mills. Bolting Cloth and Belt furnished with Mills when desired, by

ST. LOUIS AGRICULTURAL WAREHOUSE AND SEED STORE.

No. 14 Main street, St. Louis, Mo., 



FIRST PREMIUM AND DIPLOMA AWARDED BY THE LATE
 MISSISSIPPI VALLEY FAIR

TO

COX & ROBERTS PATENT THRESHER AND CLEANER!

The sales of these Machines last year, was double that of any preceding one, and it was with great difficulty that the demand could be supplied. From our increased facilities in manufacturing, and the care taken in selecting materials, we are now able to offer them to the public as the best Machine made for the farmer. They thresh and clean the grain ready for market, and are considered by those having them in use to be the most simple, cheap and durable offered for sale.

Our Lever Powers are an improvement on any now in use, being extremely simple and portable. The Endless Chain or Railroad Horse Power is very durable—wrought iron links being used instead of cast iron, consequently are not liable to break or wear out. ~~Any~~ Any further information cheerfully given.

March 1st.

KINGSLANDS & FERGUSON,
 Corner of Second and Cherry streets, St. Louis, Mo.

CHICAGO AGRICULTURAL WORKS, WAREHOUSE AND SEED STORE,

NO. 204 LAKE STREET, CHICAGO, ILL.



EMERY'S PATENT CHANGEABLE RAILROAD HORSE POWERS, THRESHERS AND SEPARATORS, AND THRESHERS AND WINNOWERS.

Circular & Cross Cut Saw Mills;

PORTABLE GRAIN AND GRIST MILLS;

FELTON'S PATENT GRAIN AND FEED MILL;

GRAIN DRILLS, SEYMOUR'S, PENNOCK'S, MOORE'S, &c.

WHEEL CULTIVATORS, Ides', Rogers' and others.

CLOVER HULLERS, CRAWFORD'S PATENT;

DO DO MANFIELD'S DO

Cider Mills, Emery's and Hickok's:

HARROWS,	GEDDES' AND SCOTCH,
CORN SHELLERS	SMITH'S PATENT POWER SHELLER,
DO DO	READING'S DO DO DO
DO DO	ALL VARIETIES OF HAND DO
FANNING MILLS	MONTGOMERY FAN,
DD DO	GRANT'S PATENT, Six Sizes:
DO DO	EAGLE FAN.

HAY AND STRAW CUTTERS, A LARGE ASSORTMENT.

PLOWS

BREAKING AND STIRRING.

With a full assortment of

MACHINERY, AND IMPLEMENTS, &c.,

SEEDS, GRAIN, &c.

Wheat, Rye, &c., for Fall Sowing. Clover, Timothy, Blue Grass, Red Top, &c., &c.,
For Sale at

CHICAGO AGRICULTURAL WAREHOUSE AND SEED STORE,
204 LAKE STREET, CHICAGO, ILLINOIS.

HENRY D. EMERY & CO.

HEDGE FENCES.

LOGAN SLEEPER, St. Louis Mo., will attend to all calls for Setting or completely Growing HEDGE FENCE in St. Louis and St. Charles counties, and in Central and Southern Illinois. Gives prompt attention to orders from all places, near and distant.

Osage Orange Seed and Plants, good and fresh, always on hand. Printed Instructions accompany them when desired. Plants can be sent any distance, and set with safety any time during the three months of April, May and June, and in the fall, from the time of the first frost till the ground freezes.

Oc.'56



**SQUIRE'S UNRIVALLED
Self-Discharging Horse Rake.**

PATENTED DECEMBER 23d, 1856.

Having obtained LETTERS PATENT from the United States, for the above, I am now prepared to sell Rights for State, County, or otherwise. This is THE RAKE of the age,—is adapted for Hay and Grain. Is Superior to ANY other in use. It adapts itself to any unevenness of ground; rakes perfectly clean without threshing out the grain, or wasting the leaf in raking clover, and, at the will of the driver is made to discharge its load by the draft of the horse; therefore dispensing with the excessive labor usually attending all other Horse Rakes. It is simple and durable in construction and easy of management. A boy capable of driving a horse can effectually work this machine. It is also, by a slight adjustment of its parts, adapted as a Seeding Harrow, or for cleaning land of corn stalks, weeds, &c., &c. A premium was awarded this Rake at the St. Louis Agricultural and Mechanical Fair, Oct. 13, 1856.

For further information, address by letter to the patentee, or call at the office of my agent, H. STAGG, Esq., corner of Chestnut and Second streets, over the Post Office, or at Messrs. KINGSLANDS & FERGUSON'S, Phoenix Foundry, corner of Second and Cherry streets, St. Louis, Mo., where my rakes are being manufactured. All who are wanting Rakes, should send in their orders early, as only a limited number can be manufactured for the coming season.

Jan. 1st.

JOHN J. SQUIRE, Patentee.

SIGERSON'S

SEED STORE
& AGRICULTURAL WAREHOUSE,
Corner of Broadway and Wash Streets, St. Louis.
THE undersigned beg leave to acquaint their numerous customers in the West, that they will have for sale this spring, the largest and best selected stock of

Field, Garden and Flower Seeds,
ever offered for sale in this market; and to which will be added a large and complete stock of

AGRICULTURAL IMPLEMENTS,

Embracing every conceivable variety likely to be wanted by Farmers and Gardeners. They pledge themselves that their stock for the Spring has been selected from the most reliable manufacturers in the East, and with unusual care.

They flatter themselves that their experience in Agriculture and Horticulture, has enabled them to make such selections as will give the most entire satisfaction

to their customers.

JOHN SIGERSON & BRO.

Agricultural and Horticultural Books.
THE undersigned take pleasure in stating to their former patrons and the public generally, that they have now on the way from the East, by Express, the most full, complete, and best selected stock of Agricultural Books ever offered in the West. A Descriptive Catalogue of Agricultural Implements, Field, Garden, Flower seeds, Agricultural and Horticultural Books, &c., will be forthcoming in a few days, and will be furnished to all post paid applicants free of charge.

Jan. 5th. JOHN SIGERSON & BRO.

Corner of Broadway and Wash sts., St. Louis, Mo.

GENUINE CHINESE HEMP SEED!

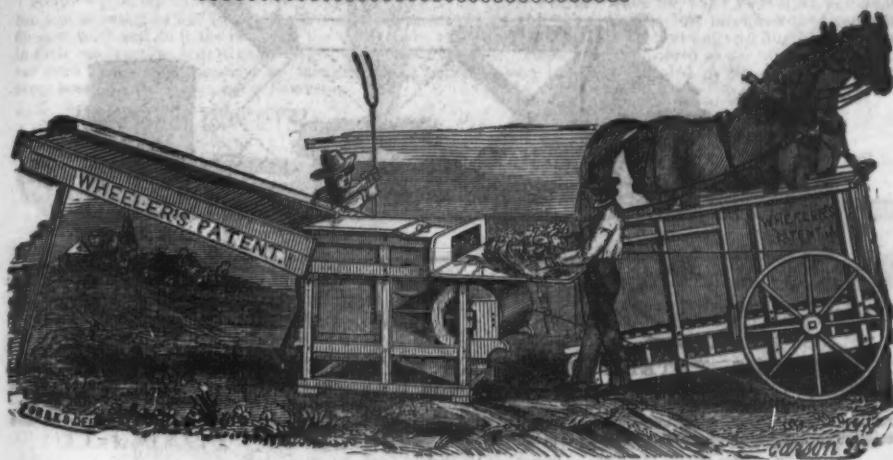
We are just in receipt of a lot of this celebrated Hemp Seed, which we are prepared to furnish at \$16 per bushel. Its peculiarities are that it flourishes on poor land and produces nearly twice the quantity per acre that the common hemp does. It has been successfully cultivated in Woodford county, Ky., for two years past.

Orders promptly attended to.

MUNN & BUCHANAN,
no. 38t 486 Main street, Louisville, Ky.

N. Y. STATE AGRICULTURAL WORKS.

BY
WHEELER, MELICK & CO.



Double Power and Combined Thresher and Winnowing machine in operation.

We are manufacturers of Endless Chain Railway Horse Powers, and Farmers' and Planters' Machinery for Horse Power use, and are owners of the patents on, and principal makers of the following valuable machines:

WHEELER'S PATENT

SINGLE HORSE POWER
AND

OVERSHOT THRESHER WITH VIBRATING SEPARATOR.

This is a One Horse Machine, adapted to the wants of medium and small grain growers. It separates grain and chaff from the straw, and threshes about 100 bushels of wheat or twice as much oats per day, without changing horses—by a change, nearly double the quantity may be threshed. Price \$128.

WHEELER'S PATENT

DOUBLE HORSE POWER
AND

OVERSHOT THRESHER WITH VIBRATING SEPARATOR.

This Machine is like the preceding, but larger, and for two horses. It does double the work of the Single machine, and is adapted to the wants of large and medium grain growers, and persons who make a business of threshing. Price \$160.

WHEELER'S PATENT

DOUBLE HORSE POWER AND COMBINED THRESHER & WINNOWER.

(Shown in the cut.)

This is also a Two Horse machine. It threshes, separates the grain from the straw and winnows it at one operation, at the average rate of 150 bushels of wheat and 300 bushels of oats per day. In out-door work, and for persons who make a business of threshing, it is an unequalled machine. Price \$245.

Also, Clover Hullers, Feed Cutters, and Sawing Machines.

Our Horse Powers are adapted in all respects to driving every kind of Agricultural and other machines, that admit of being driven by Horse Power, and our Threshers may be driven by any of the ordinary Horse powers in use. Either are sold separately.

To persons wishing more information and applying by mail, we will forward a circular containing such details as purchasers mostly want, and can refer to gentlemen having our machines in every State and Territory.

All our Machines are warranted to give entire satisfaction, or may be returned at the expiration of a reasonable time for trial.

Our firm have been engaged in manufacturing this class of agricultural machinery, 22 years, and have had longer, larger, and more extended and successful experience than any other house.

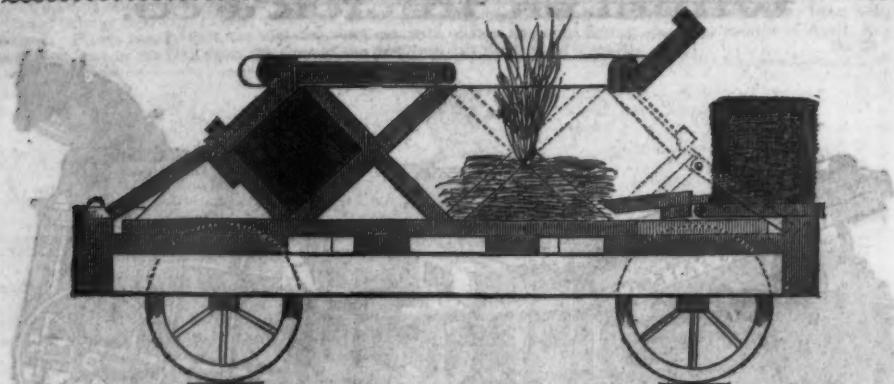
Orders from any part of the United States and Territories, or Canada, accompanied by satisfactory references, will be filled with promptness and fidelity. And machines securely packed will be forwarded according to instructions, or by cheapest and best routes.

April 1857. It.

WHEELER, MELICK & CO., Albany, N. Y.

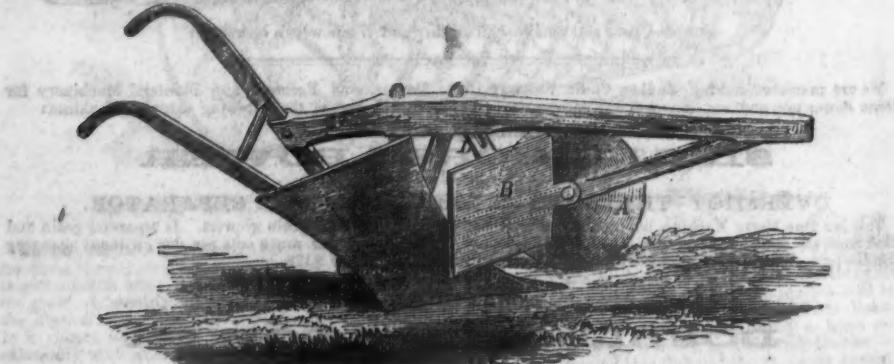
MANNY & CO., Freeport, Ills.

P. MANNY & J. PATTISON, having formed a co-partnership for Manufacturing purposes, would call the attention of Farmers to the following articles which we are prepared to manufacture, as also all other kinds of Agricultural Implements, when desired, at the Freeport Manufacturing Company's Shop:



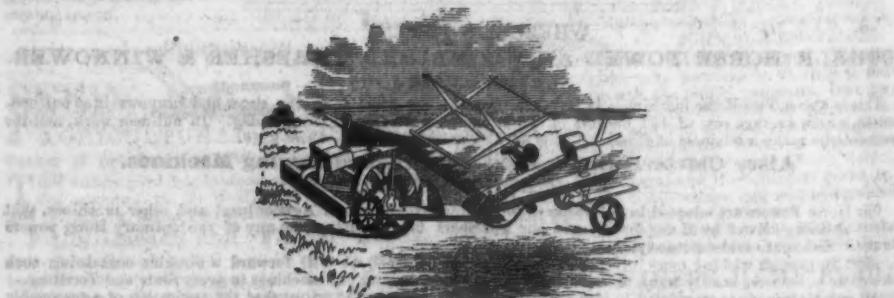
MANNY'S PATENT PORTABLE HAY AND COTTON PRESS.

A Horizontal Vibrating Lever Press, constructed on wheels. It is readily drawn from place to place, and worked with great facility, the Press being filled at one end while the bale is being hooped at the other, and vice versa—pressing a bale at each vibration of the levers, and, as is apparent, capable of doing a great amount of work, and designed to fully meet the wants of the people.



Manny's Patent Sub-soil Plow.

This is an article every farmer wants, to renovate his land and increase his crops. It is an old adage that "He who makes two spears of grass grow where only one grew before, is a public benefactor"—and that is what this Plow is intended to do.



P. MANNY'S PATENT SELF-RAKING REAPER AND MOWER COMBINED!

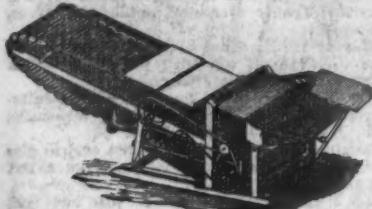
Is not the old favorite Reaper and Mower of J. H. Manny, that has won so many laurels under the fostering care of its inventors. This is a new machine lately patented by P. Manny, in which there are many valuable improvements. It is not as liable to get out of order as other Self-Rakers, it being so simple that any farmer can mend or make any part of it without the trouble of going to a shop, or it may be taken off in a minute or two and laid aside.

MANNY & CO., Freeport Illinois.

GRAIN THRESHING MACHINES FOR 1857.

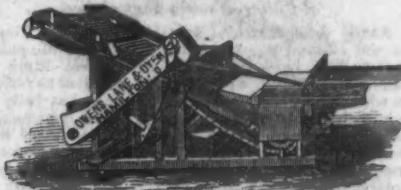
Secure a good one in time, and do not be satisfied with an inferior article, when the **VERY BEST KIND** now known can just as easily be had by sending in orders to us **EARLY IN THE SEASON**. The best machines are those which do most work and do it the best with the least power, and which are in their parts strong and durable and simple in their construction, will always be the cheapest in the end. There can be procured at our establishment until our stock on hand and capacity for manufacturing (which is very large) is exceeded by the demand, which has every season been the case after harvest.

MOFFITT'S IMPROVED



PATENT SEPARATOR.

PITT'S PATENT



SEPARATOR.

MANUFACTURED AT THE

HAMILTON AGRICULTURAL WORKS.

(TWENTY MILES NORTH OF CINCINNATI.)

WE wish to call attention to our facilities for furnishing these very desirable machines. Our Enlarged Establishment and improved Machinery, will enable us to supply a large demand, if orders are sent in early.

The points in which we claim that our machines excel others, are

1st. Thoroughly threshing the grain all out without waste.

2d. Separating and cleaning it thoroughly in condition for market.

3d. Doing the largest amount of work with the least expense of time, labor and power.

4th. Great simplicity and strength of construction, having less complicated machinery to get out of order, combined with the strongest and most durable materials for all the different parts, and the utmost perfection of workmanship.

Any of our machines can easily be hauled on a common two-horse wagon and kept on it when threshing, thus saving the labor of loading and unloading.

The Celebrated Moffit Machine,

Of which we make the sizes for 4, 6, or 8 horses, has recently been much simplified and improved, and we can confidently offer them as not to be surpassed by any other machines, either by fast and clean threshing, light running and durability. The original machine, patented in 1852, has never been beaten in fair competition. In 1853, it bore off the prize at the Crystal Palace Fair in New York; at four State Fairs in Ohio it has taken the first premiums, and last year it was awarded the first premium by the Agricultural and Mechanical Association of Kentucky at their fair.

THE

Pitt's Patent Thresher and Separator.

Of which we make two sizes, for 8 or 10 horses, is too well known to need much notice. It was the first machine invented which succeeded well in threshing and cleaning at one operation, and it is more generally known than any other machine in use. It has taken first premiums at many of the State fairs of New York and Ohio and other States, and last year it was awarded the highest prize at the Industrial Fair of all Nations, at Paris.

The machines we shall make we guarantee to be fully equal, and in many respects superior, to those manufactured at any other establishment in the country.

The Horse Powers furnished with our machines are the celebrated Double Pinion Powers, being the strongest, most light running and durable in use. Extra wagons, straw stackers, chaff stackers, &c., will be furnished at the lowest rates, when desired.

With the different sizes of these two justly celebrated machines to offer our our customers, we can defy the world to beat us in competition. Our establishment is well located, 20 miles north of Cincinnati, on the Hamilton and Dayton Railroad, convenient to ship on the Ohio river and on all the leading thoroughfares West or South. We also manufacture

MILL GEARING

And Machinery of various kinds, for Paper, Flouring or Saw Mills, also Parker and other Reaction Water Wheels.

Circulars giving full descriptions, with lists of prices, sent to persons addressing us at
HAMILTON, Butler county, Ohio.

2441*

OWENS, LANE & DYER.

NEW ADVERTISEMENT!

RANDALL & JONES'

IMPROVED HAND CORN PLANTER!

MADE AND SOLD BY E. LEIGH,

Office with Smyth & Gore, Commission merchants,
38 Commercial street, St. Louis, Mo. Sold also by
John Sigerson & Bro., D. Landreth & Son, John
Largue, M. G. Moles & Co.

NEW TESTIMONIALS. —

Matured Judgement of Howard County after
Another Year's Experience.

At the exhibition of Randall & Jones' Corn Planter, at the Howard county Agricultural and Mechanical Society Fair, 1856, Wade M. Jackson, Gus. Elgin and Minor R. B. Williams, Committee, reported as follows: to wit: The experience of another year has fully sustained the recommendation given to this implement by this Association in 1855. It has proved itself to be really a practical farming utensil, adapted to general use, and suitable to put into the hands of ordinary laborers. The improvements made in it by Dr. Leigh will render it still more acceptable to the farmer, and for lightness, durability, thoroughness of workmanship and ease of use, together with the great amount of labor which it saves, and the superior manner in which it puts in the seed—we cordially recommend it to the Corn Growers of our State.

Given under our hands on the 24th day of September, 1856.

C. H. STEWART, Secretary.

JOHN A. TALBOT, PRESIDENT.

Dr. R. H. HODSDON, President of the East Tennessee Agricultural Society, and member of the Tenn. State Agricultural Bureau, who tried the Planter, writes:—"It saves a good deal of labor, (say one half or upwards, of the planting.) The corn is planted more regularly, and therefore is more easily cultivated with the plow. These are two important objects which deserve the consideration of every corn planter. Besides, the corn comes up much better than the ordinary way of planting."

Col. RICHARD ALLEN, of Gallatin, Tenn., another member of the Tenn. State Agricultural Bureau, planted 15 acres with it last season. He writes, (May 30 1856): "The stand is better and the number of kernels in a hill more regular than where it was dropped by hand. It is fully equal to what you have represented it to be. The negro boy who used it, said he had rather handle it than a hoe—it was easier to use. He could do the work of three hands, at least. I am so well satisfied with it that I have ordered two do my planting with next year."

It has been used and highly recommended by such men as

Dr. J. A. TALBOT, Howard County, Mo.

Wm. RUSSELL, Madison

JUDGE ELI CARTER, Ray

Dr. A. POWELL, Warren

JOHN PEARL, Buchanan

JAMES BRAUMONT, Holt

JUDGE H. SHANNON, Charlton

Wm. ALLEN, Andrew

ABRAHAM GOODWIN, Randolph

JUDGE VINCENT, Clay

DANL. LARSON, Montgomery

JACOB JOHNSON, Boone

JACOB BELL, Macon

J. H. ALEXANDER, St. Charles

Dr. THORNTON, Henry

A. A. MEADOR, Jackson

J. M. MING, Franklin

JUDGE EWING, Cole

GEO. SHIPLEY, St. Louis

R. V. HARVEY, Saline

JUDGE A. S. WALKER, Cooper

JAS. W. MCCOT, Morgan

JOHN SIGERSON & BRO., St. Louis, say:—(Nov. 25, 1856,) "Having made a thorough test of the Randall &

Jones Corn Planter, we are free to say that it performs its work equal to the recommendations of its friends. We have sold several to our friends in the country, guaranteeing their performance, and none have been returned to us, nor have we heard of any dissatisfaction. We therefore think you may recommend them with confidence."

I could refer to a great many such men in these and other counties in this State, who have used and recommended this planter, but these are enough to show that Randall & Jones' corn planter is the

MISSOURI CORN PLANTER.

Can any other planter contend for this honor? Has a word of commendation of any other planter from a single Missouri farmer ever been published? If so, when and where?

Has any other planter taken a premium over this in any fair in this State, or anywhere else? Randall & Jones' is THE ONLY Premium Planter.

It took the first premium at the St. Louis Agricultural Fair; Illinois State Fair in Chicago; Wisconsin; New York; Iowa, and other State Fairs.

I can therefore safely WARRANT it, not only to give entire satisfaction, but to be very much BETTER EVERY WAY than any other.

It is made of the right height to use with ease, (and the height can be easily changed if desired.) The others are much too high and CANNOT BE ALTERED. A high planter may do very well to STAND UP in a store, but WORKING it in the field with BENT WRISTS and ELBOWS, with a tiresome sideways motion, all day, is another thing. It is easier to come down a little to work than to CLIMB UP to it. This planter is easier to use, and more exact, certain and thorough in its work. The "tube and tongue," is better than any "spring point," or "naked plunger."

Try it and you will find it so. Call at my office and compare it with the others and you will be satisfied.

I have used this planter and the others myself, and have seen many farmers who have used them, and know the truth of what I say.

Price, two row planter, \$10

" one " " 5

Important to Farmers, Planters and Traders.

THE WAKEFIELD
HAND CORN PLANTER,
Retail price Five Dollars.
The Western Corn Planter Company, have now perfected their arrangements for supplying this valuable labor-saving machine. They offer them in perfect confidence that they will at once supply a substitute for all the old, slow and expensive modes of planting, and believe they will come into general use throughout the West.

The exclusive sale for Counties and Townships can be had on application to the Company. The Planters are 12 in one box, and will be forwarded at our wholesale price for one dozen and over. Circular and directions with each machine.

Orders should be sent at an early day, and address all communications to

THADDEUS SMITH,
No. 84, Main street, between Locust and Olive,
no. 3, 2t. Saint Louis, Mo.

PURE CHINESE HEMP SEED.—We have just received from Kentucky, five barrels of pure Chinese Hemp seed, which we will sell low.

CHILES & CARR, Commission Merchants,
No. 58 Levee, St. Louis, Mo.





MALONE'S PATENT CORN PLANTER.

We again offer the above Planter to the public, with the assurance that it is the best yet invented, possessing advantages over all others of which we have a knowledge:

First. It enables the operator to walk more erect than any other, thereby saving "back ache."

Second. By its peculiar mode of feeding, which is horizontal, it never clogs,—consequently never misses a single hill; while all perpendicular feeders are liable to choke, thereby often missing several hills before the operator is aware of the fact. The Corn is heard as it falls from the hopper, and should it miss, the ear would detect it instantly. It has a long, steel wedge-like point, which enables the operator to thrust it into the ground any desirable depth; then by simply moving the two levers, deposits the corn, covering the same perfectly.

Some parties to whom we sold last season, have informed us that they planted Sod Ground with it successfully; although we have never recommended it for that purpose, having doubts about its operating in sod; and are still of the opinion that all corn land should be thoroughly plowed and harrowed for the perfect working of any planter, and for the insuring of the best crops.

With this labor-saving machine a man can PLANT and COVNA perfectly, from Eight to Ten acres per day—varying in quantity according to the nature of the soil.

We invite the personal examination of all those who are in want of a perfect Planter, before purchasing elsewhere. They are warranted to give entire satisfaction, and to be unsurpassed by any other now in use. Persons at a distance should order early, as the supply will be limited, and numbers were disappointed last season. Price \$10.

Wm. M. PLANT & CO.
St. Louis, Mo.

AYRE'S CHERRY PECTORAL.

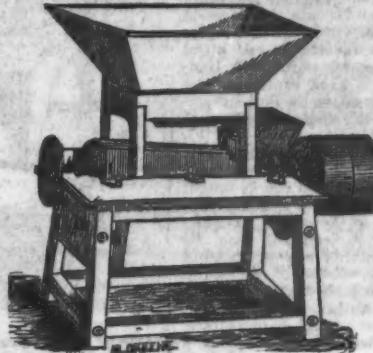
For the rapid cure of Coughs, Colds, Bronchitis, Hoarseness, Whooping-cough, Asthma and Consumption, is universally known as the best remedy ever yet discovered for every variety of Pulmonary disease. So wide is the field of its usefulness, and so numerous the cases of its cures, that almost every section of the country abounds in persons publicly known, who have been restored from alarming and even desperate diseases of the lungs by its use. When once tried its superiority over every other medicine of its kind, is too apparent to escape observation, and where its virtues are known, the public no longer hesitate what antidote to employ for the distressing and dangerous affections of the pulmonary organs which are incident to our climate. By its timely use many, nay almost all attacks of disease upon the lungs or throat, are arrested and thus are saved many thousands every year from a premature grave. No family should be without it, and those who do neglect to provide themselves with a remedy which wards off this

dangerous class of diseases, will have cause to deplore it when it is too late. Proofs of the surprising efficacy of the Cherry Pectoral need not be given to the American people, they have living proofs in every neighborhood. But those who wish to read the statements of those whose whole health has been restored and whose lives have been saved by its use, will find them in my American Almanac, which the agent below named has to furnish gratis to every one.

Prepared by JAMES C. AYER, Practical and Analytical Chemist, Lowell, Mass.—And sold by BERNARD, ADAMS & CO., St. Louis, and all druggists.

Mar. 3t

PREMIUM MILL!



FELTON'S Self-Sharpening Portable Corn Meal, Corn Cob and General Feed Mill.

This Mill was awarded the First Premium at the St. Louis Fair for the above kind of grinding. It can be run by any kind of horse, water or steam power practicable. The No. 3 Mill is capable of grinding from 16 to 25 bushels of superfine meal per hour, and from 20 to 40 of corn and cob and other feed per hour, with from 3 to 6 horse power. No. 2 will do one-half the above amount with half the power.

These Mills are very durable, and any inexperienced person can run them. They have been tested for over two years, and all are in perfect order yet, and giving the best of satisfaction. The metal being harder than tempered steel, and truly self-sharpening, makes it more durable than a dozen common iron mills; therefore they are much cheaper.

Persons wishing a mill for grinding all kinds of grain in a grist mill, or to attach to a saw mill, are requested to try one of the Felton Mills, as they are warranted to grind twice as fast as a burr stone with the same amount of power; and if the grinding surface should ever wear out we will replace them at one-fourth the expense of keeping a stone in order the length of time they run, therefore save time in dressing stone, and expense of keeping a practical miller.

Price of mills all complete ready to run, No. 2, \$150; No. 3, \$200. For sale by our agents, Wm. M. PLANT & CO., No. 14 North Main street, and H. C. HOUTS & CO., No. 21 Market street, or at our office, 122 Market street, St. Louis, Mo.

De'56,ly. LOOMIS, NICHOLS & CO., PROPRIETORS.

NURSERY.

JULIUS MALLINCKRODT, near Augusta, a Port on the Missouri River, St. Charles Co., Mo., has a large supply of Fruit Trees and Plants, for sale this season 1856, '57, consisting of

Winter Apples,	Peaches,	Apricots,
Fall do	Cherries,	Plums,
Summer do	Pears,	Catalpas, &c.

Agency in St. Louis at the
MISSOURI SEED STORE AND AGRICULTURAL WAREHOUSE,
J. & A. LARGUE,
No. 4, North Main Street.

SINGER'S SEWING MACHINE.

Perhaps there is nothing in this age of improvement, that has effected in so short a time such a complete revolution in domestic economy, as the Sewing Machine. To Mr. SINGER belongs the honor of having brought it to its highest perfection. He has succeeded in combining all the merits of machine sewing and concentrated them in a Single Machine. Thousands both in America and Europe who are now enjoying its advantages can attest his success, while both hemispheres have conferred upon his invention the highest honors in the shape of medals and premiums.

SINGER'S WONDERFUL MACHINE is so simple that a child of twelve years can be taught to operate it in a few hours; while its power, its speed, its fine, yet beautiful seam, its adaptability to every kind of sewing, whether of one fold or a dozen folds of cloth, silk, linen or leather, a lady's garter, boot, or a tough harness trace, the machine performs the work of from ten to fifteen hands with astonishing ease, firmness and delicacy.

IT IS THE FAMILY MACHINE, PAR EXCELLENCE.

SINGER'S SEWING MACHINE makes a beautiful, even, strong, unraveling seam. There is no WASTE OF THREAD, woven up into a useless pile and forming a heavy chain-stitch, liable to be worn away by friction or unravelled out by the slightest accident. It is a well authenticated fact that a garment made by a Singer Machine will sell for considerably more than one made by hand of the same material.

When you buy a Singer Machine, therefore, you feel satisfied that it is not a worthless toy, though sufficiently elegant to grace a lady's boudoir, but that you have got a substantial, reliable article, warranted to do nine-tenths of the sewing of your household in the shortest conceivable time, relieving your wife from the never-ending drudgery of the needle, and preserving her from the long train of diseases concomitant therewith, while her cheek shall retain the rosy hue of health and her heart glow with gratitude for her deliverance.

When it is considered that \$1,000 a year is a fair estimate of the earnings of a good operator, the cost of a machine, though apparently large, is in reality a trifle. The Mantua maker should remember that with a Singer machine the finest dress can be made in from one to two hours. The harness maker, shoe maker and tailor, should bear in mind that they might realize a large profit themselves that now goes to the Eastern manufacturers, who all use Singer's Sewing Machines. These machines are sold at

Singer's Western Depot,

65 FOURTH STREET, ST. LOUIS, MO.,

Under the following guarantees, viz: Each machine is

WARRANTED not to get out of order if fairly used!

WARRANTED to be the best Sewing Machine in the world!!

WARRANTED to be the only machine that will sew everything!!!

OR THE MONEY REFUNDED.

The reputation of Singer's Sewing Machines is spreading far and wide with unexampled rapidity. But as the price appears large to those who are not fully conscious of the wonderful capacity of the Machine, people naturally desire to be perfectly satisfied that the investment is a good one before purchasing; hence applications from persons at a distance to their friends and acquaintances in Saint Louis, for reliable information are so numerous that the task of replying has become quite onerous.

The annexed Certificates will, it is thought, satisfy the most skeptical.

The following is from the lady of Rev. C. B. PARSONS, D. D.—

St. LOUIS, January 30, 1856.

Mr. EDWIN DEAN, Sir:—I am using one of Singer's Sewing Machines, and am satisfied that it fully realizes your recommendation. I have much pleasure in making this statement, which I do for the benefit of those, who, like myself, may feel an interest in what I consider one of the most remarkable and perfect improvements of the age.

MRS. E. C. PARSONS.

"We fully subscribe to the above,"

STICKNEY & SCOLLAY, Proprietors of the Planters House.

BARNUM & FOGG, Proprietors of St. Louis Hotel.

"I have tried other sewing machines in my business of dress making, and most decidedly prefer Singer's, which I am now using."

MRS. T. DICKENSON, 140 North Fourth street.

"Singer's Sewing machines are undoubtedly unrivaled for manufacturing clothes."

BROWN, THATCH, & CO., 72 Main street.

"We are using Singer's Machine in the Manufacture of gentlemen's boots and shoes, and are satisfied they are not recommended too highly."

J. H. PORTH, 47 Locust street.

All who call will be courteously furnished with every information, whether they are led by curiosity or a desire to purchase. Satisfactory statistics will be exhibited proving the reputed \$10 Sewing machines a humbug and an impossibility.

EDWIN DEAN, AGENT.





G. & C. TODD & CO., MILL FURNISHERS

NO. 112 NORTH MAIN STREET

Corner of Morgan street,

SAINT LOUIS, MO.



TODD'S IRON BACK MILLS.

The construction of this Mill is simple and very durable. There is no complication in any part of it. The Stones are adjusted and operated in the same manner as in ordinary flour mills. The Mill can be entrusted with safety to the charge of any careful hand, and cannot fail to give entire satisfaction.

Todd's Improved Pressure and Self-regulating Mills.

These Mills are in extensive use, and are highly commended. Their construction is the same as the Iron Back Mills, differing only in the substitution of Pressure for weight of Runner. The weight of the Runner is sufficient for ordinary grinding, say from six to eight bushels per hour. When desired to do more, the Pressure applies to the extent required for the increased feed. It graduates and applies itself.

TODD'S CHALLENGE.

Seimer's Patent, 1856. Largest Size Three Feet.

The under Stone of this Mill revolves.

For more than fifteen years we have been engaged in manufacturing these Mills, closely observing their performance, with a view to making such improvements as our experience might suggest. And now, we believe our Mill is the best of the kind in use. They are made with great care, and the distribution of metal throughout the whole arrangement is made with a view to strength and durability.

The principal objection to mills with the under stone for runner, is, First, the difficulty of keeping the stones in TRAM. Second, the stones being confined between unyielding points, rendering it difficult to discharge, without risk of breaking, harder substances than grain; for instance, nails, &c., that might, and which often do, fall between the stones. The first, we have overcome by a simple arrangement of adjusting screws at four equi-distant points in the bed plate, and corresponding screws in the upper rim of the frame in which the upper stone is secured. The screws are convenient of access, and the stones can be brought to a true level on Tram with ease and accuracy. The second and most serious objection is obviated by the application of Elastic Springs at four equi-distant points, so arranged as to receive the entire resistance of the stones in their grinding operation, and to yield for the discharge of hard substances with facility, and without risk to the mill. These springs are durable and do not add to the complication of the machinery.

BELTING.

For four years we have been manufacturing this article. One of the firm is an experienced and skilful workman, who gives his personal attention and labor to this department; every foot of belting passes through his hands, and if not suitable is condemned. Our machinery is of the most approved kind, and our leather is tanned in whole hides, selected expressly with reference to its fitness for belting.

Rubber Belting Hose and Steam Packing.

We are the only agents of the Boston Belting Company in this city, for the sale of these goods.

French Burr Mill Stones.

To this department of our business we have been to great expense in obtaining the best material produced by the quarries in France. Our stock is selected at the quarries, by one of the firm, who spends a portion of his time there. In selecting for our Portable Grain Mills the best article is obtained without regard to cost. Our stock is always large.

BOLTING CLOTH.

This article, so difficult to obtain of superior quality, is made expressly for us. Our orders are in the hands of the manufacturers a year in advance, that they may have time to select the best material (Silk) and employ their most skilful workmen, that they may produce the quality we want. We refer to the mill owners in the country, and especially in this city, respecting this article.

PRICES OF GRAIN MILLS.

2 foot Grain Mill with Pulley	\$135.	Geared	\$160.
2½ " "	170.	"	200.
3 " "	225.	"	265.
3½ " "	275.	"	330.

Price of "Challenge Mill" \$10 higher than the other Mills.

Screen Wire, Wrought Iron Spindles, Mill Picks, Hoisting Screws, Regulating Screws, Damall Irons, Calcined Plaster of Paris, Copper Rivets, Lace Leather, &c., constantly on hand.

SOUTH-WESTERN,
SEED AND AGRICULTURAL WAREHOUSE,
PITKIN BROTHERS,
NO. 515 Main Street,
LOUISVILLE, KENTUCKY,

KENTUCKY BLUE GRASS SEED.—We are prepared to furnish, in any quantity, Fresh and Genuine Blue Grass Seed, separated from the stem in a superior manner by a new process, which divests it of much of the chaff, and enables a given quantity to cover nearly three times as much ground as the seed usually sold in market.

OSAGE ORANGE SEED.—We are the largest dealers in the United States, in Osage Orange Seed. One of our firm devotes his whole time and attention to this particular branch of our business, and we presume "*Pitkin's Osage Orange Seed*" is too well known to need further comment. Pamphlets, giving all necessary information respecting planting the seed and growing the hedge, furnished to all applicants.

GARDEN SEEDS.—We are prepared to furnish Genuine Garden Seeds, of the growth of 1856, by the pound or by the single paper, or neatly packed in boxes, containing 100 or 200 papers each. A liberal discount made to dealers.

List of Seeds, &c., which we Deal in largely:

KENTUCKY BLUE GRASS,
ORCHARD GRASS,
RED TOP, or Herd Grass,
TIMOTHY,
CLOVER,

OSAGE ORANGE,
MILLET,
HEMP,
CANARY,
TOP ONIONS.

Our Stock of Implements Consists in Part of

HORSE POWERS,
THRESHING MACHINES,
MOWERS and REAPERS,
STRAW CUTTERS,
CORN SHELLERS,
WHEAT FANS,
CORN PLANTERS,
GRAIN DRILLS,
CHAIN PUMPS.

CORN MILLS,
CORN and COB CRUSHERS,
AGRICULTURAL FURNACES,
MEAT CUTTERS,
SAUSAGE STUFFERS,
PLOWS, all sorts,
HARROWS,
CULTIVATORS,
WHEELBARROWS, &c., &c.

We are also agents for the sale of the celebrated

"LOUISVILLE HYDRAULIC CEMENT or WATER LIME."

Also on hand and for sale, WHITE SAND, CALCINED PLASTER, AGRICULTURAL PLASTER, WHITE LIME.

Pitkin Brothers,



**SIGERSON'
NURSERY.**

The proprietors of this NURSERY, situated a short distance South of St. Louis, Mo., are prepared to furnish from their establishment a more extensive and better selected stock of

Fruit, Shade, Ornamental Trees and Shrubbery, than they have ever heretofore been able to supply, and feel no hesitation in saying that scarcely a demand can be made on them which they cannot supply of the finest quality of Trees, Shrubs and Plants, to enumerate which, would require a much larger space than could be allowed to advertisers, and therefore invite all in want of a supply, to forward their orders for Catalogues and Bills of Prices, which will be forwarded promptly to all postpaid applicants.

Parties intending to procure trees the coming Spring should send their orders forward as early as possible, so as to enable the proprietors to fill and deliver them at the earliest possible time in the spring.

All communications should be addressed to

JOHN SIGERSON & BRO.,

ADVERTISEMENTS

To secure insertion in the Valley Farmer, must be received in our office, as early as the 15th of the previous month. See terms.

Lyon's Kathairon

Has now become the standard preparation for the HAIR. Its immense sale, nearly

1,000,000 BOTTLES

Per year, attests its excellence and great superiority over all other articles of the kind. The ladies universally pronounce the KATHAIRON to be, by far, the finest and most agreeable article they ever used. It RESTORES the Hair after it has fallen out; INVIGORATES and BEAUTIFIES it, and imparts a Delightful Perfume. Sold by all dealers throughout the United States, Canada, Mexico, Cuba and South America, for

25 Cents per Bottle.

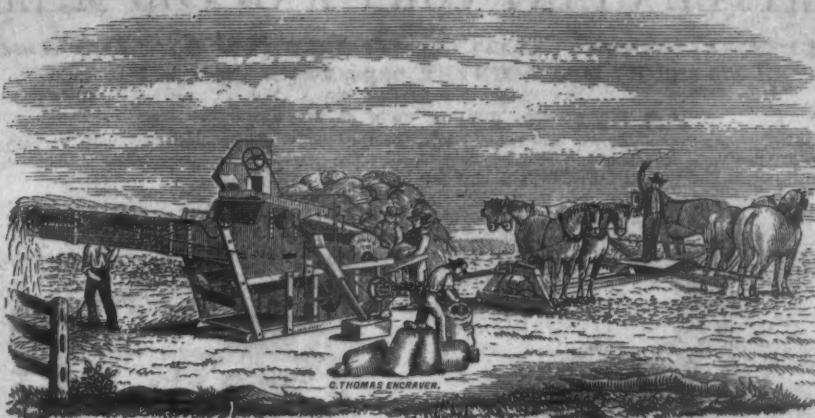
HEATH, WYNKOOP & CO., Proprietors,

65 Liberty street, New York.

Manufacturers, also, of Perfumery of all kinds, and in great variety.

Jan. 8.

SOUTH-WESTERN AGRICULTURAL WORKS, LOUISVILLE, KENTUCKY.



RALSTON'S CELEBRATED THRESHER, SEPARATOR AND CLEANER.

The above engraving accurately represents these unrivaled machines, and we are now engaged in manufacturing them in the city of Louisville, Ky.

We claim for Ralston's Cleaner, the following advantages over all other machines of a similar character:

1st. It does up all the work by one operation, in the most desirable manner, thoroughly threshing out the wheat, whipping and shaking all the straw as it passes over the carrier, so as to shake out any loose grains carried in the straw.

2nd. It has two fans and two sets of riddles. The first blows out all the dirt and chaff, and separates the chaff, cinders, gravel, sand and small grass and weed seeds. The second separates the wheat with an addition of blast, and delivers it well cleaned on either side of the machine, at a sufficient height from the ground to attach a grain bag, while the white caps are passed back to the feed board, to enter the thresher with fresh sheaves.

3d. The riddles are patented, and constructed of sheet iron, punched in such a manner as to allow the wheat and heavy substances to pass through, while the chaff, straw and threshed heads roll off without any possibility of choking them. Riddles constructed on any other plan will choke.

4th. The rope driving-belts, as well as the carrier-belts, are made of the best belting leather, which can be tightened or loosened in a moment by twisting or untwisting. These belts are more durable and less liable to get out of order than any other kind, while carriers formed of cast iron links are constantly liable to break and get out of order.

5th. Its durability and strength—being constructed of thoroughly seasoned wood, and the best quality of wrought and cast iron.

6th. Its ease of draft, and the amount of good work—greater than any other machine can be made to perform with the same power and number of hands.

7th. The ease with which it can be transported on common country wagons—three or four hands can load or unload in fifteen or twenty minutes. Directions for loading and unloading accompanying each machine.

8th. Our straw carriers are made of seasoned split hickory of the toughest quality, instead of turned ash, as many others, which are much more liable to break.

9th. The power is attached to the thresher by means of a tumbling shaft instead of a band, and this will be found a great advantage in all machines intended for threshing.

WARRANTEE.

In offering these machines to the public, we warrant every machine to be well made and to do good work to the satisfaction of the purchaser; or we will refund the money on return of the machine.

We make at present but one size of these Cleaners.

No. 1 Thresher, Separator and Cleaner, with power for eight horses, complete, \$310, delivered on steamboat or cars.

A liberal discount made to dealers. Orders from abroad promptly attended to.

MUNN & CO.,

no.tf.

SOUTH-WESTERN AGRICULTURAL WORKS, Louisville, Ky.

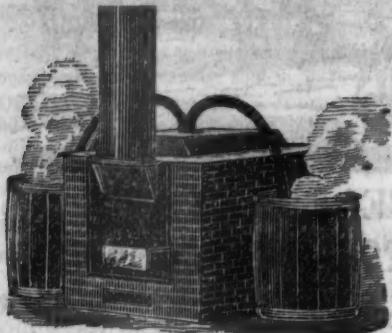
LITTLE GIANT CORN AND COB MILL

AND
Agricultural Implement Warehouse,
 175 and 177 MAIN STREET, opposite the Virginia Hotel.
 SAINT LOUIS, MO.

JAMES B. CHADWICK

Keeps constantly on hand a general assortment of Farming Implements, and respectfully solicits the patronage of those desiring such. Is sole proprietor in the West for the Little Giant Mill: agent for Hedges' Chinese Sugar Cane Mill, Steam Boiler, Scott's Crescent Mill, etc., etc.

500 Bushels of Choice Northern Seed Buckwheat. 100 bushels Shepherd Improved White Flint Corn, very superior for Seed, with which other varieties will not hybridize, for sale by J. B. CHADWICK:



AGRICULTURAL STEAM BOILER.

The above cut represents the complete apparatus for cooking food for stock, by means of Steam, in boxes or barrels; heating water for farmers' use; washing clothes; scalding hogs; steaming timber for carriage, plow, or shingle makers; warming buildings by means of steam pipes, etc., etc. It consists of a cauldron holding about fifty gallons of water, with tight fitting cover, in which are inserted flexible pipes, with valves by means of which the steam can be conducted wherever desired—a lever serves to shift the steam from one pipe to another, or into both, but is so arranged that an explosion is impossible.

Only 350 bricks are required to set one up, and directions are plain that any one can understand them, are furnished with each Boiler.

Price put on board steamboat or railroad, \$50.

Mr. McAfee, an intelligent farmer near Elkton, Washington county, Ills., says:

James B. Chadwick, Esq., Dear Sir: Attracted by the experiment of Mr. Clay of Kentucky, as reported in the Valley Farmer, I made use of cooked food with hogs, and the result shows that fully one-third of the corn necessary to fatten them properly is saved by using it in a cooked state. By cooking corn and cob meal the saving must be much greater.

JAS. McAfee.

PENNOCK'S PATENT WHEAT DRILL!

This machine is simple and durable. It is not injured by coming in contact with roots and rocks. It saves from one to two pecks of seed to the acre. It causes a yield of three to eight bushels over the old method, which difference is produced by leaving a ridge of soil between the rows. The plant is thereby protected and invigorated during the winter, instead of being thrown out as in broadcast.

The supply last season was not equal to the demand. To insure a machine the coming season, order early.

TERRELL & BUCHANAN, Manufacturers,
 Cor. Franklin Avenue and 26th st. St. Louis.

W.M. J. KEY, Wholesale and Retail Dealer in
 OSAGE ORANGE PLANTS, and BUILDER of
 HEDGES. Glasgow, Mo.



LITTLE GIANT MILL.

The cut above represents a celebrated Little Giant Corn and Cob Mill with the improved Double Cones, as introduced a few months since. Several thousands of these mills are now in use throughout the country, and always prove satisfactory. They are formed on the coffee mill principle, of cast iron, and so arranged that the iron surfaces do not touch when run empty. If properly used a Little Giant will not wear out from grinding ten thousand bushels of feed. To be used either with or without a Steam Boiler, their economy is beyond question.

No. 2, price \$40, will grind with one horse, from Ten to Fifteen bushels of feed per hour.

No. 3, price \$50, will grind with two horses, from Fifteen to twenty bushels per hour.

Both of the above are double mills, but can, in a moment's time, be made single, and require but half as much power to propel them. Persons using them can sift sufficient fine meal for family use from their feed.

G. S. CASE, of this city writes as follows:

5th January 1866.

James B. Chadwick, Esq.: I have now in use and have for some time past been using one of your Little Giant Mills at my omnibus stables in this city, which affords entire satisfaction. I am feeding over sixty horses, and by using ground corn and cob meal as is produced by your mill, effect a very large saving, I should judge nearly one-third of my corn.

G. S. CASE,

Proprietor of city line of Omnibuses.

 Dr. C. De MONTREVILLE,
 SURGEON DENTIST,
 No. 59 North Fifth street, between Olive and Locust,

ST. LOUIS, MO.

The natural Teeth will receive all the care of which they are susceptible, by the operations of Cleansing and Filling with Gold to insure them from loss,—or Extracting when useless from decay. The teeth of children carefully attended to.

Artificial teeth inserted by various methods, on pivots on the natural roots, on atmospheric pressure, suction, clasps, or springs,—on solid silver, platinum, porcelain, aluminium, gutta percha, or in any desired way, to suit the inclinations, the purse and the pleasure of those who may require.

Fifteen years of active practice in this city and the city of New York, will warrant me in saying that the whole resources of the Art will be employed in the just perfecting of any work entrusted to me.

Marly.



NEW
AGRICULTURAL
WAREHOUSE



AND
SEED
STORE

DAVID LANDRETH,

WHOLESALE AND RETAIL DEALER IN

Garden. Grass and other Seeds.
MACHINE, AGRICULTURAL IMPLEMENT AND TOOL.

No. 18 South Main street,
SAINT LOUIS, MO.



Manufactured at Landreth's Agricultural Works,
Bristol, Pa., and for sale in St. Louis, at his Ware-
house, only.

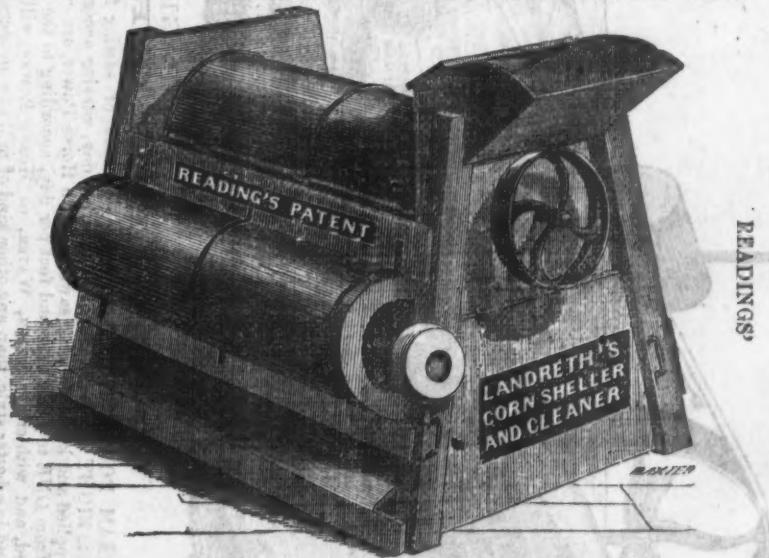
Farmers will take notice, this Sheller has Concave
Feeding Wheels and Bevelled Cogs, to prevent choking,
and are warranted superior to any other Hand Sheller
now in use.

Price \$28.00. A liberal discount to Wholesale Pur-
chasers.

D. LANDRETH.

No. 18 South Main Street.

LANDRETH'S CORN SHELLER AND CLEANER



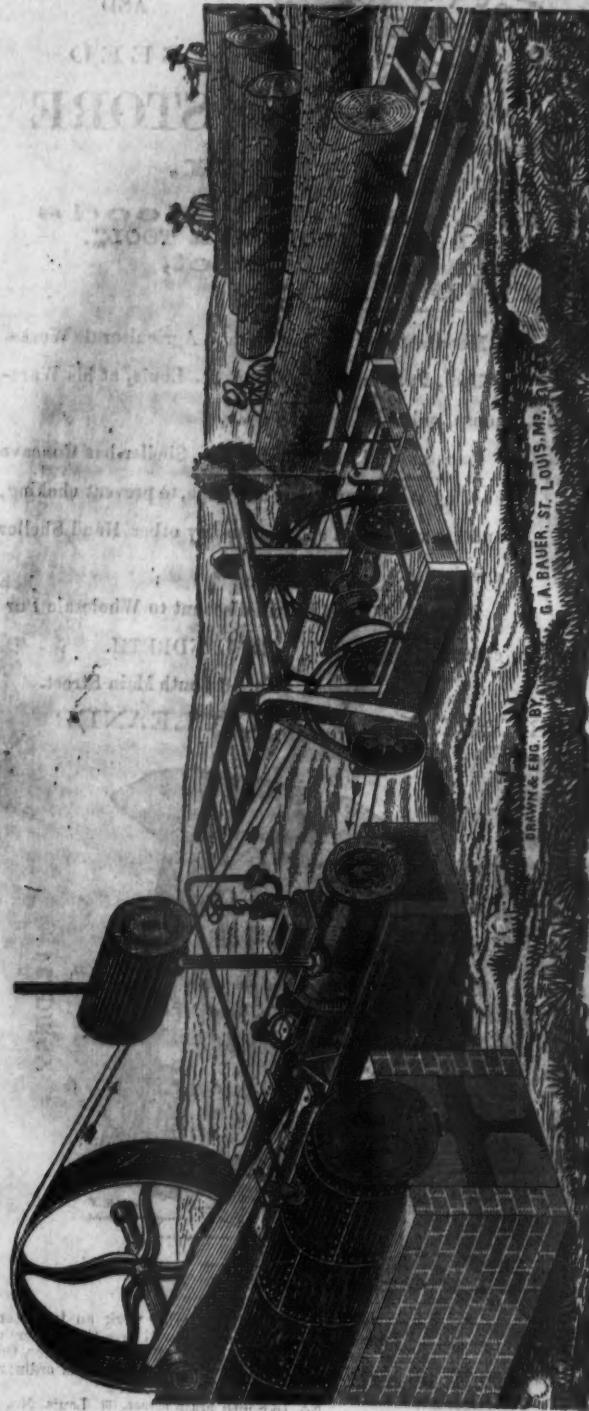
READING'S

This machine is truly extraordinary in its power and capacity, and will unquestionably work an important
change in the cost of preparing corn for market; and it is by no means too much to say, will save the farmers of
the great corn producing States Tens of Thousands of Dollars yearly. With a new one horse tread power, One
Hundred and Forty bushels of Ears have been shelled within an hour, not as an experiment, but as ordinary
labor. For sale only at

Price with Fan.....\$75.00
" without Fan.....\$60.00

LANDRETH'S AGRICULTURAL HOUSE,

No. 18 South Main street, St. Louis, Mo.
[Jan. '56]



PAGE'S PATENT PORTABLE CIRCULAR SAW MILL.

WITH STEAM POWER THESE MILLS are capable of sawing from together with their becoming almost entirely used, has been the means of establishing their great reputation.

With our experience for the past ten years in making these Mills, and with improvements and increased facilities in manufacturing, we offer them to the public with the fullest confidence of their superior advantages over all others.

Having the right of manufacturing for a large portion of territory West and South, we can furnish either the SINGLE or DOUBLE Mill as preferred, for Steam, Water or Horse Power.

Orders respectfully solicited, and any further information cheerfully given. KINGSLANDS & FERGUSON, Corner of Second and Cherry Sts. St. Louis.

PHOENIX FOUNDRY. Corner of Second and Cherry Sts. St. Louis.

PHOENIX FOUNDRY, Corner of Second and Cherry Sts, St. Louis.

P. 82-83 left with no. contained contents
**Hedge Fences the surest Protection of Golden Harvests—The Leading Improvement
of a Fast Age!**



LOGAN SLEEPER,
St. Louis, Mo.

W. M. M. LINDLY,
St. Jacobs, Ill.

SLEEPER & LINDLY

Will continue the business of

SETTING AND GROWING HEDGE FENCES.

We will give due attention *personally*, and by *carefully appointed* agencies, wherever can be had quantities to justify.

Having well matured our plans, and united permanently, we intend our performances shall be thorough and faithful, and insist upon being considered **RESPONSIBLE** and **ABIDING**. Our terms shall be reasonable and uniform. Please write us for circulars.

Particular attention given to the recusitation and completion of old, neglected Hedges. Osage Orange Seed and Plants, good and fresh, always on hand in proper season. Printed instructions accompany them when desired.

[May 1857-3y.]

EMERY'S PATENT CHANGEABLE HORSE POWER, Thresher, Separator, Saw, &c., &c.

The subscribers are now prepared to contract for the delivery of these justly celebrated Machines for the season of 1856.

Our prices for the Two Horse Power with Thresher and Separator, &c., will be 180 dollars, delivered on board of any conveyance in the city, or we will deliver on the Mississippi river, at the terminus of any Railroad running from Chicago, for 200 dollars.

This will give to those wanting in Upper Missouri, Iowa, Minnesota and Wisconsin, an advantage over buying at any other point in the West.

CAUTION—Should be observed in buying the Horse Power, that the genuine

EMERY'S PATENT

Are obtained, as none are made except they bear the stamp and brand of

EMERY'S PATENT, 1856.

MANUFACTURED BY
E M E R Y B R O T H E R S.

This remark is made because the reputation of the Power has induced IMITATIONS to be thrown into the market and are of inferior construction and workmanship.

Full and Descriptive Catalogues are furnished gratis to all on application. **HENRY D. EMERY,**
m.y. 204 Lake street, Chicago, Ill.

LATOURETTE & WYMAN,

MANUFACTURERS OF

LINSEED AND CASTOR OILS.

OFFICE AND WORKS, Corner of Second & Columbia Sts.

SAINT LOUIS, MISSOURI.

Cash paid for Flaxseed and Castor Beans.

J. H. LIGHTNER,

No. 82 SECOND STREET,

between, Olive and Locust, St. Louis, Mo.

MANUFACTURER AND DEALER IN

STOVES.

Charter-Oak, Golden Era, and other select patterns—also, Parlor and Shop Stoves, Parlor and common Grates, Sugar Kettles, Dog-Irons, &c. Also—

PLOWS.

Moline, Peoria, Diamond and other patterns for Prairie Breaking, or Fallow; also, Contractor's Iron Plow, for Railroads.

[Ja.'56, 1y.]

GEORGE KINGSLAND, LE ROY KINGSLAND,

DAVID K. FERGUSON:

KINGSLANDS & FERGUSON, **Phoenix Foundry!**

196, 198 & 200, Second Street, St. Louis, Mo.

MANUFACTURERS OF PAGE'S PATENT PORTABLE SAW-MILLS, CHILD'S PATENT DOUBLE SAW-MILLS and HORSE POWERS; COX & ROBERTS' PATENT THRESHER and CLEANER.

Threshers with and without Separators, Lever Powers, Endless Chain or Railroad Powers, Corn and Cob Crushers, Corn Shellers, Plows, Bark Mills, and Mill Machinery.

CASTINGS of every description, made to order at short notice.

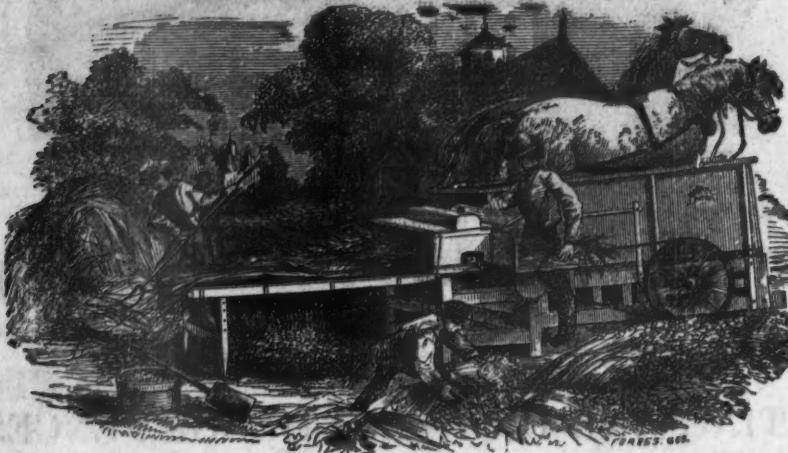
[Ja.'56.]

W. M. J. KEY, Wholesale and Retail Dealer in OSAGE ORANGE PLANTS, and BUILDER of HEDGES. Glasgow, Mo.

[Ja.'56.]

CHICAGO AGRICULTURAL WORKS, WAREHOUSE AND SEED STORE,

NO. 204 LAKE STREET, CHICAGO, ILL.



EMERY'S PATENT CHANGEABLE RAILROAD HORSE POWERS, THRESHERS AND SEPARATORS, AND THRESHERS AND WINNOWERS.

Circular & Cross Cut Saw Mills;

PORTABLE GRAIN AND GRIST MILLS;

FELTON'S PATENT GRAIN AND FEED MILL;

GRAIN DRILLS, SEYMOUR'S, PENNOCK'S, MOORE'S, &c.

WHEEL CULTIVATORS, IDES', ROGERS' and others.

CLOVER HULLERS, CRAWFORD'S PATENT;

DO DO MANFIELD'S DO

Cider Mills, Emery's and Hickok's:

HARROWS,	- - - - -	GEDDES' AND SCOTCH,
CORN SHELLERS	- - - - -	SMITH'S PATENT POWER SHELLER,
DO DO	- - - - -	READING'S DO DO DO
DO DO	- - - - -	ALL VARIETIES OF HAND DO
FANNING MILLS	- - - - -	MONTGOMERY FAN,
DD DO	- - - - -	GRANT'S PATENT, Six Sizes:
DO DO	- - - - -	EAGLE FAN.

HAY AND STRAW CUTTERS, A LARGE ASSORTMENT.

PLOWS

BREAKING AND STIRRING.

With a full assortment of

MACHINERY, AND IMPLEMENTS, &c.,

SEEDS, GRAIN, &c.

Wheat, Rye, &c., for Fall Sowing. Clover, Timothy, Blue Grass, Red Top, &c., &c.,
For Sale at

CHICAGO AGRICULTURAL WAREHOUSE AND SEED STORE,
204 LAKE STREET, CHICAGO, ILLINOIS.

HENRY D. EMERY & CO.



G. & C. TODD & CO., MILL FURNISHERS

NO. 12 NORTH MAIN STREET

Corner of Morgan street,

SAINT LOUIS, MO.



TODD'S IRON BACK MILLS.

The construction of this Mill is simple and very durable. There is no complication in any part of it. The Stones are adjusted and operated in the same manner as in ordinary flour mills. The Mill can be entrusted with safety to the charge of any careful hand, and cannot fail to give entire satisfaction.

Todd's Improved Pressure and Self-regulating Mills.

These Mills are in extensive use, and are highly commended. Their construction is the same as the Iron Back Mills, differing only in the substitution of Pressure for weight of Runner. The weight of the Runner is sufficient for ordinary grinding, say from six to eight bushels per hour. When desired to do more, the Pressure applies to the extent required for the increased feed. It graduates and applies itself.

TODD'S CHALLENGE.

Seimer's Patent, 1856. Largest Size Three Feet.

The under Stone of this Mill revolves.

For more than fifteen years we have been engaged in manufacturing these Mills, closely observing their performance, with a view to making such improvements as our experience might suggest. And now, we believe our Mill is the best of the kind in use. They are made with great care, and the distribution of metal throughout the whole arrangement is made with a view to strength and durability.

The principal objection to mills with the under stone for runner, is, First, the difficulty of keeping the stones in TRAM. Second, the stones being confined between unyielding points, rendering it difficult to discharge, without risk of breaking, harder substances than grain; for instance, nails, &c., that might, and which often do, fall between the stones. The first, we have overcome by a simple arrangement of adjusting screws at four equi-distant points in the bed plate, and corresponding screws in the upper rim of the frame in which the upper stone is secured. The screws are convenient of access, and the stones can be brought to a true level or Tram with ease and accuracy. The second and most serious objection is obviated by the application of Elastic Springs at four equi-distant points, so arranged as to receive the entire resistance of the stones in their grinding operation, and to yield for the discharge of hard substances with facility, and without risk to the mill. These springs are durable and do not add to the complication of the machinery.

BELTING.

For four years we have been manufacturing this article. One of the firm is an experienced and skilful workman, who gives his personal attention and labor to this department; every foot of belting passes through his hands, and if not suitable is condemned. Our machinery is of the most approved kind, and our leather is tanned in whole hides, selected expressly with reference to its fitness for belting.

Rubber Belting Hose and Steam Packing.

We are the only agents of the Boston Belting Company in this city, for the sale of these goods.

French Burr Mill Stones.

To this department of our business we have been to great expense in obtaining the best material produced by the quarries in France. Our stock is selected at the quarries, by one of the firm, who spends a portion of his time there. In selecting for our Portable Grain Mills the best article is obtained without regard to cost. Our stock is always large.

BOLTING CLOTH.

This article, so difficult to obtain of superior quality, is made expressly for us. Our orders are in the hands of the manufacturers a year in advance, that they may have time to select the best material (Silk) and employ their most skilful workmen, that they may produce the quality we want. We refer to the mill owners in the country, and especially in this city, respecting this article.

PRICES OF CHALLENGE AND GRAIN MILLS.

20 inch Pully Mill,.....	\$150	Geared,.....	\$165	PRICES OF PRESSURE MILLS.
24 " " "	165	"	200	2 feet, with Pully,..... \$145, Geared,..... \$165,
28 " " "	200	"	225	2 1/2 " " "
30 " " "	225	"	250	3 " " "
36 " " "	275	"	310	3 1/2 feet Mills, heavy Runner, Palley, \$300—Geared \$350

PRICES OF IRON BACK MILLS.

2 feet Grain Mill, with Pully, \$135.—Geared, \$160.	2 1/2 feet Grain Mill with Pully, \$175—Geared, \$200.
3 feet, with pulley, 225—Geared, \$265.	

Terms for Small Mills, 4 months City acceptance, or 5 per cent discount for cash.



WHITLEY'S PATENT PORTABLE DOUBLE CIRCULAR SAW MILL.

PATENTED MARCH 4, 1856.

MANUFACTURED BY CLARK, AVERY & VOORHIES.
AT THE PEOPLE'S IRON WORKS,

Main street, between Florida and Mulamphy streets, North of the Shot Tower, St. Louis, Mo.

The Simplicity, Cheapness, Durability, Strength and Easy Management of this Mill, makes it the best now in use. A glance at its combined improvements cannot fail to convince every person of the superiority over any other for making lumber. It is constructed with two Saws, one above the other, and in line with each other, so as to assist in cutting off the slab, swell, butts and knots, and splitting large logs. The top saw can be moved on the arca, so as to cut two planks with one run of the carriage, and in cutting fencing it will cut from two to eight boards with the two saws. The after end of the two saw shafts are connected by an arm, which acts as a guide for both shafts, and serves for their adjustment, so as to have complete control of the saws whilst running, and keeping them true with each other whilst cutting. It is capable of sawing 1000 feet per hour, and will work without sawing crooked, in all kinds of timber. We warrant the Mills to perform in every respect as represented.

One of these Mills can be seen in operation at the PEOPLE'S IRON WORKS, where the public are invited to examine for themselves, and any information respecting them will be cheerfully given on application to our Agents, Wm. M. PLANT & CO., No. 14 North Main street, or to ISAAC L. GARRISON, President of the Home Mutual Insurance Company, corner of Main and Vine streets.

Horse Powers and Steam Engines furnished with the Mills at short notice and upon satisfactory terms.
CLARK, AVERY & VOORHIES.
St. Louis, Saturday, 1856.



FIRST PREMIUM AND DIPLOMA AWARDED BY THE LATE
MISSISSIPPI VALLEY FAIR

TO

COX & ROBERT'S PATENT THRESHER AND CLEANER!

The sales of these Machines last year, was double that of any preceding one, and it was with great difficulty that the demand could be supplied. From our increased facilities in manufacturing, and the care taken in selecting materials, we are now able to offer them to the public as the best Machine made for the farmer. They thresh and clean the grain ready for market, and are considered by those having them in use to be the most simple, cheap and durable offered for sale.

Our Lever Powers are an improvement on any now in use, being extremely simple and portable. The Endless Chain or Railroad Horse Power is very durable—wrought iron links being used instead of cast iron, consequently are not liable to break or wear out.

Any further information cheerfully given.

Corner of Second and Cherry streets, St. Louis, Mo.

S. T. LOUIS AGRICULTURAL WORKS, WAREHOUSE AND SEED STORE.

ESTABLISHED 1845, BY WM. M. PLANT.

CLARK, PLANT & NORRIS,

(SUCCESSORS TO WM. M. PLANT & CO.,)

MANUFACTURERS OF AND WHOLESALE AND RETAIL DEALERS IN

Agricultural Machines and Tools,

IN ENDLESS VARIETY; ALSO

GARDEN, GRASS AND OTHER SEEDS.

 SIGN OF THE GILT PLOW.

No. 14 North Main Street, between Market and Chesnut streets.,

ALSO, NO. 203, NORTH FOURTH ST., OR 218, BROADWAY,

between Morgan Street and Franklin Avenue.

MANUFACTORY, NORTHWEST CORNER OF MAIN AND BIDDLE.

ROLLIN CLARK,
WM. M. PLANT,

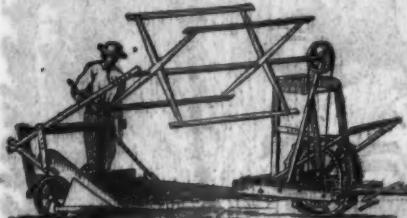
St. Louis, Mo.

{ A. B. NORRIS,
J. F. SMITH,

READ'S COMBINED REAPER AND MOWER,

This is the most Complete and Simple Combined Machine yet offered to the Public.

Over Four Hundred have been sold, and given perfect satisfaction.



READ'S REAPER.



READ'S MOWER.

DESCRIPTIVE CIRCULARS WITH WARRANTY FURNISHED GRATIS TO APPLICANTS.
PRICE \$140 00.

CONSTANTLY ON HAND AND FOR SALE,
LEVER & RAILROAD HORSE POWERS
THRESHERS with SEPARATORS,
THRESHERS with CLEANERS.
MOWERS and REAPERS,
STRAW and HAY CUTTERS,
CORN SHELLERS,
PLOWS, HARROWS,
CULTIVATORS,
CORN DRILLS and PLANTERS,
FAN MILLS,

AGRICULTURAL BOOKS,
TIMOTHY SEED,
CLOVER “
RED TOP “
BLUE GRASS “
HEMP “
MILLET “
CANARY “
GARDEN and FLOWER SEEDS,
BIRD CAGES, &c.

CHINESE SUGAR CANE AND CHINESE HEMP SEED.

 Our Descriptive Catalogue furnished gratis on application at warehouses, or by mail, when a three cent stamp is sent to pay the postage.

CLARK, PLANT & NORRIS.

CLARK, PLANT & NORRIS,

MANUFACTURERS OF

Pages' and Child's Portable Circular Saw-Mills.

Owning the Rights for the Manufacture and Sale of these justly celebrated Mills for the Mississippi Valley and West, we are now prepared to fill all orders promptly.

The long experience of our Mr. Clark and Mr. Smith in the manufacture of these Mills, (having been the first to build and introduce them in the West,) and with improvements and increased facilities for manufacturing, enables us to GUARANTEE ENTIRE SATISFACTION to all. We offer them to the public with the fullest confidence of their superior advantages over all others. No expense or care will be spared to make them the best built Mills either East or West.

Circular Saw-Mills are adapted to sawing all kinds of lumber, and are run with Steam, Water or Horse Power, and will cut more lumber with two-thirds the expense of Power and Buildings than any other Mills in use.

With Steam Power these Mills, WELL ATTENDED, will cut from 3,000 to 10,000 feet of lumber per day, varying according to the amount of power applied, and the kind of timber sawed.

With the Childs' Double Mill, logs of any size can be sawed into lumber.

Orders respectfully solicited, and further information will be cheerfully given by

CLARK, PLANT & NORRIS.

SELBY'S PATENT

WHEAT DRILL AND BROADCAST SEED SOWER!

This Drill took the FIRST PREMIUM and DIPLOMAS at the St. Louis Agricultural and Mechanical Association and the Illinois State Fair in the fall of 1856.

We are now manufacturing this celebrated Drill for the fall sales of 1857, and would advise all who are in want of a first rate Drill to order early to insure being supplied.

Descriptive Circulars furnished gratis to applicants, by

CLARK, PLANT & NORRIS.

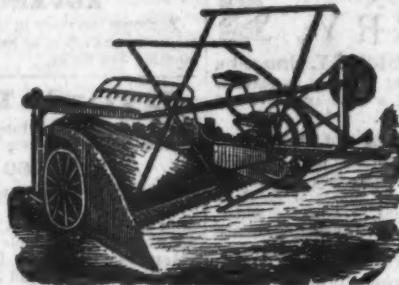
MOFFITT'S

Thresher and Cleaner with Horse Power.

We have also made arrangements to manufacture this deservedly popular Thresher, and shall be prepared shortly to fill all orders for the same.

CLARK, PLANT & NORRIS.

NEW YORK SELF-RAKING REAPER.



The above cut represents the very best Self-Raking Reaper we have ever seen. We are fully aware of the difficulties to be overcome. We know that the machine to be valuable and of PRACTICAL utility to the Farmer, must be simple, strong, and of light draught. These most desirable objects have been FULLY accomplished by the New York Self-Raking Reaper, and we now offer it with a full guarantee to give entire satisfaction.

Descriptive Circulars furnished gratis to applicants by

CLARK, PLANT & NORRIS.

SOUTH-WESTERN.
SEED AND AGRICULTURAL WAREHOUSE,
PITKIN BROTHERS,
NO. 515 Main Street,
LOUISVILLE, KENTUCKY,

KENTUCKY BLUE GRASS SEED.—We are prepared to furnish, in any quantity, Fresh and Genuine Blue Grass Seed, separated from the stem in a superior manner by a new process, which divests it of much of the chaff, and enables a given quantity to cover nearly three times as much ground as the seed usually sold in market.

OSAGE ORANGE SEED.—We are the largest dealers in the United States, in Osage Orange Seed. One of our firm devotes his whole time and attention to this particular branch of our business, and we presume "*Pitkin's Osage Orange Seed*" is too well known to need further comment. Pamphlets, giving all necessary information respecting planting the seed and growing the hedge, furnished to all applicants.

GARDEN SEEDS.—We are prepared to furnish Genuine Garden Seeds, of the growth of 1856, by the pound or by the single paper, or neatly packed in boxes, containing 100 or 200 papers each. A liberal discount made to dealers.

List of Seeds, &c., which we Deal in largely:

KENTUCKY BLUE GRASS,
ORCHARD GRASS,
RED TOP, or Herd Grass,
TIMOTHY,
CLOVER,

OSAGE ORANGE,
MILLET,
HEMP,
CANARY,
TOP ONIONS.

Our Stock of Implements Consists in Part of

HORSE POWERS,
THRESHING MACHINES,
MOWERS and REAPERS,
STRAW CUTTERS,
CORN SHELLERS,
WHEAT FANS,
CORN PLANTERS,
GRAIN DRILLS,
CHAIN PUMPS.

CORN MILLS,
CORN and COB CRUSHERS,
AGRICULTURAL FURNACES,
MEAT CUTTERS,
SAUSAGE STUFFERS,
PLOWS, all sorts,
HARROWS,
CULTIVATORS,
WHEELBARROWS, &c., &c.

We are also agents for the sale of the celebrated

"LOUISVILLE HYDRAULIC CEMENT or WATER LIME."

Also on hand and for sale, WHITE SAND, CALCINED PLASTER, AGRICULTURAL PLASTER, WHITE LIME.

Pitkin Brothers.

ADVERTISEMENTS

To secure insertion in the Valley Farmer, must be received in our office, as early as the 15th of the previous month. See terms.

Lyon's Kathairon

Has now become the standard preparation for the HAIR. Its immense sale, nearly

1,000,000 BOTTLES

For year, attests its excellence and great superiority over all other articles of the kind. The ladies universally pronounce the KATHAIRON to be, by far, the finest and most agreeable article they ever used. It RESTORES the Hair after it has fallen out; INVIGORATES and BEAUTIFIES it, and imparts a Delightful Perfume. Sold by all dealers throughout the United States, Canada, Mexico, Cuba and South America, for

25 Cents per Bottle.

HEATH, WYNKOOP & CO., Proprietors,

63 Liberty street, New York,

Manufacturers, also, of Perfumery of all kinds, and in great variety.

Jan. 6.

 **SIGERSON'**
NURSERY. 

The proprietors of this NURSERY, situated a short distance South of St. Louis, Mo., are prepared to furnish from their establishment a more extensive and better selected stock of

Fruit, Shade, Ornamental Trees and Shrubbery, than they have ever heretofore been able to supply, and feel no hesitation in saying that scarcely a demand can be made on them which they cannot supply of the finest quality of Trees, Shrubs and Plants, to enumerate which, would require a much larger space than could be allowed to advertisers, and therefore invite all in want of a supply, to forward their orders for Catalogues and Bills of Prices, which will be forwarded promptly to all postpaid applicants.

Parties intending to procure trees the coming Spring should send their orders forward as early as possible, so as to enable the proprietors to fill and deliver them at the earliest possible time in the spring.

All communications should be addressed to
JOHN SIGERSON & BRO.,

LITTLE GIANT CORN AND COB MILL

AND
Agricultural Implement Warehouse,
175 and 177 MAIN STREET, opposite the Virginia Hotel.

SAINT LOUIS, MO.

JAMES B. CHADWICK

Keeps constantly on hand a general assortment of

Farming Implements,

And respectfully solicits the patronage of those desiring such. Is also proprietor in the West for the

Little Giant Mill.

Agent for HEDGES' CHINESE SUGAR CANE MILL, STEAM BOILER, SCOTT'S CRESCENT MILL, Etc., Etc.

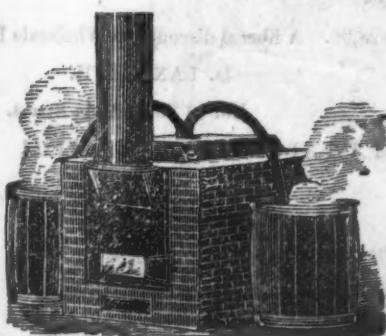
MOWERS and REAPERS,
HORSE POWERS,
THRESHERS and SEPARATORS,
STRAW CUTTERS,
SHELLERS,
FORKS,
SCYTHES and SNATHS,
CRADLES,

PLOWS and CULTIVATORS,
HARROWS,
SHOVELS and SPADES,
CHURNS,
HAND and HORSE RAKES,
GARDEN TOOLS,
MORTICING MACHINES,
POST AUGERS,

And other economical and labor-saving Machines and Tools.

500 Bushels of Choice Northern Seed Buckwheat. 100 bushels Shepherd Improved White Flint Corn, very superior for Seed, with which other varieties will not hybridize, for sale by

J. B. CHADWICK:



AGRICULTURAL STEAM BOILER.

The above cut represents the complete apparatus for cooking food for stock, by means of Steam, in boxes or barrels; heating water for farmers' use; washing clothes; reading hogs; steaming timber for carriage, plow, or shingle makers; warming buildings by means of steam pipes, etc., etc. It consists of a cauldron holding about fifty gallons of water, with tight fitting cover, in which are inserted flexible pipes, with valves by means of which the steam can be conducted wherever desired—a lever serves to shift the steam from one pipe to another, or into both, but is so arranged that an explosion is impossible.

Only 350 bricks are required to set one up, and directions so plain that any one can understand them, are furnished with each Boiler.

Price put on board steamboat or railroad, \$50.

Mr. McAFFEE, an intelligent former near Elkton, Washington county, Ills., says:

James B. Chadwick, Esq., Dear Sir: Attracted by the experiment of Mr. Clay of Kentucky, as reported in the Valley Farmer, I made use of cooked food with hogs, and the result shows that fully one-third of the corn necessary to fatten them properly is saved by using it in a cooked state. By cooking corn and cob meal the saving must be much greater.

JAS. McAFFEE.



LITTLE GIANT MILL.

The cut above represents a celebrated Little Giant Corn and Cob Mill with the improved Double Cones, as introduced a few months since. Several thousands of these mills are now in use throughout the country, and always prove satisfactory. They are formed on the coffee mill principle, of cast iron, and so arranged that the iron surfaces do not touch when run empty. If properly used a Little Giant will not wear out from grinding ten thousand bushels of feed. To be used either with or without a Steam Boiler, their economy is beyond question.

No. 2, price \$40, will grind with one horse, from Ten to Fifteen bushels of feed per hour.

No. 3, price \$50, will grind with two horses, from Fifteen to twenty bushels per hour.

Both of the above are double mills, but can, in a moments time, be made single, and require but half as much power to propel them. Persons using them can sift sufficient fine meal for family use from their feed.

G. S. CASE, of this city writes as follows:

5th January 1856.

James B. Chadwick, Esq.: I have now in use and have for some time past been using one of your Little Giant Mills at my omnibus stables in this city, which affords entire satisfaction. I am feeding over sixty horses, and by using ground corn and cob meal as is produced by your mill, effect a very large saving, I should judge nearly one-third of my corn.

G. S. CASE,
Proprietor of city line of Omnibuses.

NEW
AGRICULTURAL
WAREHOUSE



AND
SEED
STORE

DAVID LANDRETH,
WHOLESALE AND RETAIL DEALER IN
Garden. Grass and other Seeds.
MACHINE, AGRICULTURAL IMPLEMENT AND TOOL.
No. 18 South Main street,
SAINT LOUIS, MO.



Manufactured at Landreth's Agricultural Works, Bristol, Pa., and for sale in St. Louis, at his Warehouse, only.

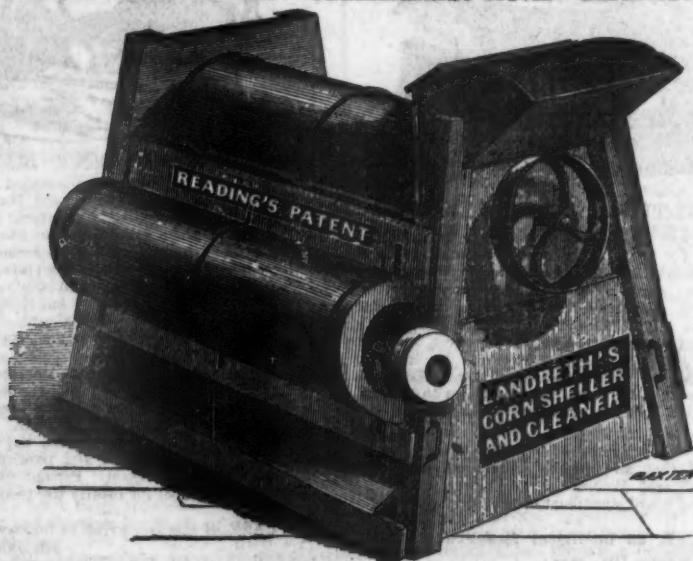
Farmers will take notice, this Sheller has Concave Feeding Wheels and Bevelled Cogs, to prevent choking, and are warranted superior to any other Hand Sheller now in use.

Price \$28.00. A liberal discount to Wholesale Purchasers.

D. LANDRETH.

No. 18 South Main Street.

LANDRETH'S CORN SHELLER AND CLEANER



READING'S

This machine is truly extraordinary in its power and capacity, and will unquestionably work an important change in the cost of preparing corn for market; and it is by no means too much to say, will save the farmers of the great corn producing States Tens of Thousands of Dollars yearly. With a new one horse tread power, One Hundred and Forty bushels of Ears have been shelled within an hour, not as an experiment, but as ordinary labor. For sale only at

LANDRETH'S AGRICULTURAL HOUSE,

No. 18 South Main street, St. Louis, Mo.

[Ja.'56]

Price with Fan.....\$75 00
" without Fan.....\$60 00



PAGE'S PATENT PORTABLE CIRCULAR SAW-MILL.

WITH STEAM POWER THESE MILLS are capable of sawing from THREE to EIGHT Thousand feet of lumber in a day, varying according to the power applied and kind of timber sawed. With Horse Power, are capable of sawing from ONE to TWO thousand feet per day, according to the kind of timber sawed, and with either STEAM, WATER, or Horse Power, will saw more lumber and in a better style, than any other kind of mill now in operation. With the CHILD PATENT DOUBLE MILL, any sized timber can be sawed. The simplicity in their operations, durability and adaptation of these Mills to the wants of the country, and successful practical operation of those in use,

together with their becoming almost entirely used, has been the means of establishing their great reputation.

With our experience for the past ten years in making these Mills, and with

improvements and increased facilities in manufacturing, we offer them to the

public with the fullest confidence of their superior advantages over all others.

Having the right of manufacturing for a large portion of territory West and

South, we can furnish either the SINGLE or DOUBLE Mill as preferred, for

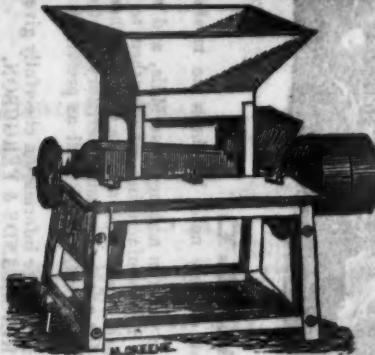
Steam, Water or Horse Power.

Orders respectfully solicited, and any further information cheerfully given.

KINGSLANDS & FERGUSON,

PHOENIX FOUNDRY, Corner of Second and Cherry Sts. St. Louis.

PREMIUM MILL!



FELTON'S

Self-Sharpening Portable Corn Meal, Corn Cob and General Feed Mill.

These Mill was awarded the First Premium at the St. Louis Fair for the above kind of grinding. It can be run by any kind of horse, water or steam power practicably. The No. 3 Mill is capable of grinding from 16 to 25 bushels of superfine meal per hour, and from 20 to 40 of corn and cob and other feed per hour, with from 3 to 6 horse power. No. 2 will do one-half the above amount with half the power.

These Mills are very durable, and any inexperienced person can run them. They have been tested for over two years, and all are in perfect order yet, and giving the best of satisfaction. The metal being harder than tempered steel, and truly self-sharpening, makes it more durable than a dozen common iron mills; therefore they are much cheaper.

Persons wishing a mill for grinding all kinds of grain in a grist mill, or to attach to a saw mill, are requested to try one of the Felton Mills, as they are warranted to grind twice as fast as a burr stone with the same amount of power; and if the grinding surface should ever wear out we will replace them at one-fourth the expense of keeping a stone in order the length of time they run, therefore save time in dressing stone, and expense of keeping a practical miller.

Price of mills all complete ready to run, No. 2, \$150; No. 3, \$200. For sale by our agents, Wm. M. PLANT & CO., No. 14 North Main street, and H. C. HOUTS & CO., No. 21 Market street, or at our office, 122 Market street, St. Louis, Mo.

De'56,ly. LOOMIS, NICHOLS & CO., PROPRIETORS.

PENNOCK'S PATENT

WHEAT DRILL!

This machine is simple and durable. It is not injured by coming in contact with roots and rocks. It saves from one to two pecks of seed to the acre. It causes a yield of three to eight bushels over the old method, which difference is produced by leaving a ridge of soil between the rows. The plant is thereby protected and invigorated during the winter, instead of being thrown out as in broadcast.

The supply last season was not equal to the demand. To insure a machine the coming season, order early.

TERRILL & BUCHANAN, Manufacturers, Cor. Franklin Avenue and 20th st. St. Louis.

Chinese Sugar Cane Seed.

New, pure and well ripened, sent by mail in packages at 50 cents and \$1 each. All the best varieties of Vegetable and Flower Seeds, by mail, 10 packages for \$1. Also all the finest varieties of Roses, Duls, Shrubbery plants, &c. Address
n. 21. W. T. GOLDSMITH, Rochester, N. Y.



MALONE'S PATENT CORN PLANTER.

We again offer the above Planter to the public, with the assurance that it is the best yet invented, possessing advantages over all others of which we have a knowledge:

First. It enables the operator to walk more erect than any other, thereby saving "backache."

Second. By its peculiar mode of feeding, which is horizontal, it never clogs,—consequently never misses a single hill; while all perpendicular feeders are liable to CHOKE, thereby often missing several hills before the operator is aware of the fact. The Corn is heard as it falls from the hopper, and should it miss, the ear would detect it instantly. It has a long, steel wedge-like point, which enables the operator to thrust it into the ground any desirable depth; then by simply moving the two levers, deposits the corn, covering the same perfectly.

Some parties to whom we sold last season, have informed us that they planted Sod Ground with it successfully; although we have never recommended it for that purpose, having doubts about its operating in sod; and are still of the opinion that all corn land should be thoroughly plowed and harrowed for the perfect working of any planter, and for the insuring of the best crops.

With this labor-saving machine a man can PLANT and Cover perfectly, from Eight to Ten acres per day—varying in quantity according to the nature of the soil.

We invite the personal examination of all those who are in want of a perfect Planter, before purchasing elsewhere. They are warranted to give entire satisfaction, and to be unsurpassed by any other now in use. Persons at a distance should order early, as the supply will be limited, and numbers were disappointed last season. Price \$10. CLARK, PLANT & NORRIS. March '56.

St. Louis, Mo.

A Thoroug Bred Durham Bull for Sale.

I having used my bull "Advance," (100) American Herd Book, I now offer him for sale. For pedigree see 199 Am. H. B.

For particulars apply to the undersigned by mail, at Vermont, Cooper county, Mo., or in person at his farm near the above place.

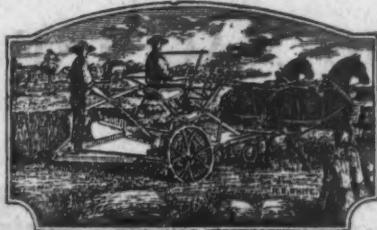
no. 43t. *

E. N. WARFIELD.

CHINESE SUGAR CANE,

ITS HISTORY, CULTIVATION AND VALUE AS A Forage crop and for Syrup, together with Drawing and Description of a Mill for grinding the canes, with a description of the process of making Molasses and Sugar. Condensed and arranged from the most reliable sources, including all the important information on the subject. Price 12 $\frac{1}{2}$ cts., or four postage stamps. Postage pre-paid. Address W. S. LUNT,
no. 44. MAUMEE CITY, Ohio.

NEW SEED AND AGRICULTURAL WAREHOUSE.
On Sixth street, between Main & Market sts.
LOUISVILLE, KY.



In addition to the manufacture and sale of MANNY'S IMPROVED PATENT COMBINED MOWING and REAPING Machines, at my old stand on Sixth street near Main, I have opened a general

Seed and Agricultural Warehouse,

where may be found all the articles usually kept in similar establishments, consisting in part of the following: Manny's Combined Mowing and Reaping Machine, with all the improvements; Horse Powers and Threshers, Straw Cutters, Corn Shellers, Wheat Fans, Clover Mills, Plows of various kinds, Harrows, Cultivators, Horse Rakes, &c., &c. Also Scott & Hedges' Little Giant Corn and Cob Mills of the various sizes, and also their new Patent Steam Boilers.

SEEDS,

I have also a complete assortment of fresh and genuine Garden Seeds, at retail or by the box, at a liberal discount to merchants. Also Grass Seeds, embracing Clover, Orchard Grass, Timothy, Red Top and Millet Seed; Also Kentucky Blue Grass, Cleaned in a superior manner; Chinese Hemp Seed, O sage Orange Seed, O sage Orange plants, &c., &c.

Also FRUIT TREES; Brooks' New Seedling Strawberry Plants. Chinese Sugar Cane Seed sent in packages by mail.

no. 4 tf.

SIGERSON'S
SEED STORE



& AGRICULTURAL WAREHOUSE,
Corner of Broadway and Wash Streets, St. Louis.

THE undersigned beg leave to acquaint their numerous customers in the West, that they will have for sale this spring, the largest and best selected stock of

Field, Garden and Flower Seeds,
ever offered for sale in this market; and to which will be added a large and complete stock of

AGRICULTURAL IMPLEMENTS,

Embracing every conceivable variety likely to be wanted by Farmers and Gardeners. They pledge themselves that their stock for the Spring has been selected from the most reliable manufacturers in the East, and with unusual care.

They flatter themselves that their experience in Agriculture and Horticulture, has enabled them to make such selections as will give the most entire satisfaction to their customers.

JOHN SIGERSON & BRO.

Agricultural and Horticultural Books.

THE undersigned take pleasure in stating to their former patrons and the public generally, that they have now on the way from the East, by Express, the most full, complete, and best selected stock of Agricultural Books ever offered in the West. A Descriptive Catalogue of Agricultural Implements, Field, Garden, Flower seeds, Agricultural and Horticultural Books, &c., will be forthcoming in a few days, and will be furnished to all post paid applicants free of charge.

Jan. '57. JOHN SIGERSON & BRO.

Corner of Broadway and Wash st., St. Louis, Mo.

**BOOKS
FOR FARMERS AND THEIR WIVES.**

American Cattle Doctor. By Dadd	1 00
American Poultry Yard. By Browne.....	1 00
Allen on Domestic Animals.....	75
Dana's Much Manual.....	1 00
Miles on the Horse Foot.....	50
Miles on Horse Shoeing.....	75
Norton's Scientific Agriculture.....	65
Nashe's Progressive Farmer.....	65
Reevelin's Vine Dressers' Manual.....	50
Saxton's Rural Hand Book, 2 volumes.....	2 50
Youatt & Martin on the Hog.....	75
American Farm Book, by Allen.....	\$1 00
American Fruit Garden, by Barry.....	1 25
Buist's Kitchen Gardener.....	75
Buist's Flower Garden Directory.....	1 00
Buel's Farmers' Instructor, 2 vols.....	1 00
Complete Farmer and Gardener, by Fessenden.....	1 25
Grape Grower's Guide.....	65
Loudon's Ladie's Flower Garden Companion ..	1 00
Thomas on Farm Implements.....	1 25
Stephens' Book of the Farm.....	4 00
Dadd's Horse Doctor.....	1 25
Dadd's Cattle Doctor.....	1 25
Guenon on the Milk Cow.....	65
Mason's Farrier and Stud Book.....	1 25
Morgan Horses, by D. C. Linsley; New & valuable	1 00
Stewart's Stable Book.....	1 50
Youatt on the Horse.....	1 25
Youatt and Martin on Cattle.....	1 50
Farmer's Land Measure, by Pedder.....	25
Mrs. Hale's Cook Book, \$1, Miss Leslie's do.....	1 00
Miss Beecher's do 75c. Miss Widdifield's do.....	1 00

All the other good Cook Books, besides many other useful works for the Farm and the House; and a large stock of Standard Books, and Stationery.

Sent by mail, or otherwise, or call at

J. M. CRAWFORD'S, 30 & 32 Chestnut street,

Next door to the Office of the "Valley Farmer,"

Feb. 26. St. Louis, Mo.

SAINT LOUIS.

This celebrated Racer and Stallion will stand the present season at my stable in St. Charles county, Mo., five miles above St. Charles, on the Boone's Lick Road. Particular care will be taken to prevent accidents or escapes, but will not be liable for any should they happen. Saint Louis has been so often advertised that it is useless to say more. He has been four times exhibited at public fairs, and in every instance the first premium has been awarded to him as the best Blooded Stallion.

JOHN P. WHITE.



FRUIT TREES.

The subscriber begs leave to inform the citizens of St. Louis and vicinity, that he has now on hand for Spring Sales a large assortment of

FRUIT AND ORNAMENTAL TREES.

He has made such arrangements with Nurseries at the East that he can fill all orders with promptness and despatch. He has now on hand an assortment of

APPLES, PEACHES, PEARS, CHERRIES, &c., &c.

Persons wishing to plant choice Fruit Trees would do well to call and examine his stock before purchasing. They can be seen at No. 16 South 16th street, between Market and Clark Avenue. Trees well packed and shipped to any distance, and warranted true to name.

Office at PLANT & CO.'S Seed Store, No. 203 North Fourth street, or 218 Broadway. All mail orders should be addressed to box 744, St. Louis, Mo.

A. A. BARNARD.

Jan. 1f.

THE GREAT DEMAND
FOR
SINGER'S SEWING MACHINE

Having rendered it necessary to extend our establishment, we have opened another suit of exhibition and sales rooms for the especial accommodation of the ladies at the largest store in

GLASGOW ROW, NO. 106 FOURTH STREET,

West side, above Locust, directly opposite Vine st.

All who call will be courteously furnished with every information, whether led by curiosity or a desire to purchase.

EDWIN DEAN, Agent.

St. Louis, April 27, 1857.



The reputation of Singer's Sewing Machines is spreading far and wide with unexampled rapidity. But as the price appears large to those who are not fully conscious of the wonderful capacity of the Machine, people naturally desire to be perfectly satisfied that the investment is a good one before purchasing; hence applications from persons at a distance to their friends and acquaintances in Saint Louis, for reliable information are so numerous that the task of replying has become quite onerous.

The annexed Certificates will, it is thought, satisfy the most skeptical.

The following is from the lady of Rev. C. B. PARSONS, D. D.—

St. Louis, January 30, 1856.

Mr. EDWIN DEAN, Sir:—I am using one of Singer's Sewing Machines, and am satisfied that it fully realizes your recommendation. I have much pleasure in making this statement, which I do for the benefit of those, who, like myself, may feel an interest in what I consider one of the most remarkable and perfect improvements of the age.

MRS. E. C. PARSONS.

"We fully subscribe to the above,"

STICKNEY & SCOLLAY, Proprietors of the Planters House.
BARNUM & FOGG, Proprietors of St. Louis Hotel.

"I have tried other sewing machines in my business of dress making, and most decidedly prefer Singer's, which I am now using."

MRS. T. DICKENSON, 140 North Fourth street.

"Singer's Sewing machines are undoubtedly unrivaled in for manufacturing clothes."

BROWN, THATCH. & CO., 72 Main street.

"We are using Singer's Machine in the Manufacture of gentlemen's boots and shoes, and are satisfied they are not recommended too highly."

J. H. PORTH, 47 Locust street.

In order to gratify the very natural curiosity of the public, we have procured one of the much talked of

\$10 SEWING MACHINES,

and made arrangements for a supply. Should any wish to purchase the said machine is open to inspection.

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SOUTH-WESTERN AGRICULTURAL WORKS, LOUISVILLE, KENTUCKY.



C. THOMAS ENGRAVER.

RALSTON'S CELEBRATED THRESHER, SEPARATOR AND CLEANER.

The above engraving accurately represents these unrivalled machines, and we are now engaged in manufacturing them in the city of Louisville, Ky.

We claim for Ralston's Cleaner, the following advantages over all other machines of a similar character :

1st. It does up all the work by one operation, in the most desirable manner, thoroughly threshing out the wheat, whipping and shaking all the straw as it passes over the carrier, so as to shake out any loose grains carried in the straw.

2nd. It has two fans and two sets of riddles. The first blows out all the dirt and chaff, and separates the chaff, cinders, gravel, sand and small grass and weed seeds. The second separates the wheat with an addition of shake and blast, and delivers it well cleaned on either side of the machine, at a sufficient height from the ground to attach a grain bag, while the white caps are passed back to the feed board, to enter the thresher with fresh sheaves.

3d. The riddles are patented, and constructed of sheet iron, punched in such a manner as to allow the wheat and heavy substances to pass through, while the chaff, straw and threshed heads roll off without any possibility of choking them. Riddles constructed on any other plan will choke.

4th. The rope driving-belts, as well as the carrier-belts, are made of the best belting leather, which can be tightened or loosened in a moment by twisting or untwisting. These belts are more durable and less liable to get out of order than any other kind, while carriers formed of cast iron links are constantly liable to break and get out of order.

5th. Its durability and strength—being constructed of thoroughly seasoned wood, and the best quality of wrought and cast iron.

6th. Its ease of draft, and the amount of good work—greater than any other machine can be made to perform with the same power and number of hands.

7th. The ease with which it can be transported on common country wagons—three or four hands can load or unload in fifteen or twenty minutes. Directions for loading and unloading accompanying each machine.

8th. Our straw carriers are made of seasoned split hickory of the toughest quality, instead of turned ash, as many others, which are much more liable to break.

9th. The power is attached to the thresher by means of a tumbling shaft instead of a band, and this will be found a great advantage in all machines intended for threshing.

WARRANTEE.

In offering these machines to the public, we warrant every machine to be well made and to do good work to the satisfaction of the purchaser, or we will refund the money on return of the machine.

We make at present but one size of these Cleaners.

No. 1 Thresher, Separator and Cleaner, with power for eight horses, complete, \$310, delivered on steamboat or cars.

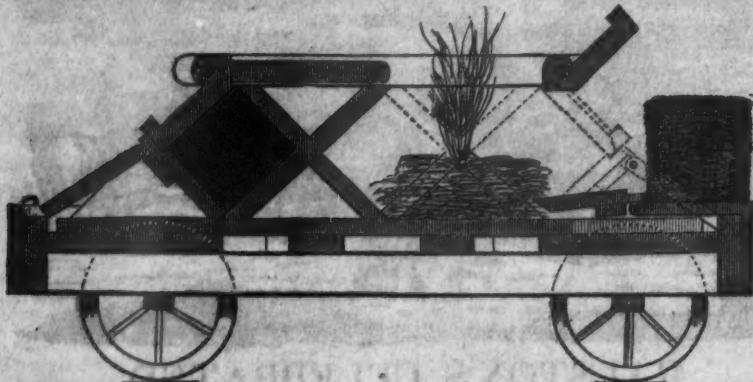
A liberal discount made to dealers. Orders from abroad promptly attended to.

MUNN & CO.

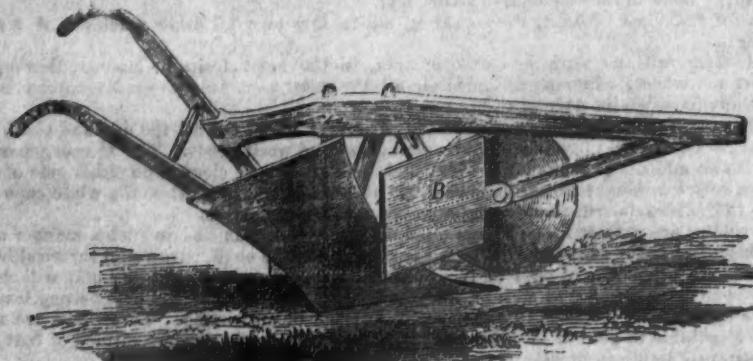
SOUTH-WESTERN AGRICULTURAL WORKS, Louisville, Ky.

MANNY & CO., Freeport, Ills.

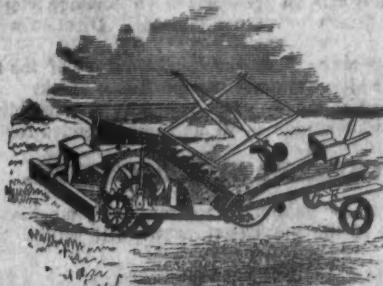
P. MANNY & J. PATTISON, having formed a co-partnership for Manufacturing purposes, would call the attention of Farmers to the following articles which we are prepared to manufacture, as also all other kinds of Agricultural Implements, when desired, at the Freeport Manufacturing Company's Shop:—

**MANNY'S PATENT PORTABLE HAY AND COTTON PRESS.**

A Horizontal Vibrating Lever Press, constructed on wheels. It is readily drawn from place to place, and worked with great facility, the Press being filled at one end while the bale is being hooped at the other, and vice versa—pressing a bale at each vibration of the levers, and, as is apparent, capable of doing a great amount of work, and designed to fully meet the wants of the people.

**Manny's Patent Sub-soil Plow.**

This is an article every farmer wants, to renovate his land and increase his crops. It is an old adage that "he who makes two spears of grass grow where only one grew before, is a public benefactor"—and that is what this Plow is intended to do.

**P. MANNY'S PATENT SELF-RAKING REAPER AND MOWER COMBINED.**

is not the old favorite Reaper and Mower of J. H. Manny, that has won so many laurels under the fostering care of its inventors. This is a new machine lately patented by P. Manny, in which there are many valuable improvements. It is not as liable to get out of order as other Self-Rakers, it being so simple that any farmer can mend or make any part of it without the trouble of going to a shop, or it may be taken off in a minute or two and laid aside.

MANNY & CO., Freeport Illinois.

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and

YOUNGER STOCK PLACE,
NEAR NASHVILLE, TENN.

I have fitted out, perhaps the most extensive Stock Farm in America, and aim to keep for sale at all times, all the varieties of live stock that are useful to man, and not inferior to any that can be found in any part of the world. I intend to sell on as cheap terms as the same kind of animals can be afforded at any place.

M. R. COCKRILL.

Near NASHVILLE, Tenn., June 1st.

PURE BRED STOCK FOR SALE.

Pure Bred Durham Cattle, French Sheep, Spanish Sheep, Suffolk and Essex Pigs, and Madagascar or Fancy long-eared Rabbits.

Apply to JOHN S. GOE, near Tippecanoe P. O., four miles East of Brownsville, Fayette Co., Pennsylvania. Address me at either office.

Morris' Perfect Chain Pump.

This Pump, just patented, is entirely successful. It works without friction, never freezes, and does not lose a drop of water. The water flows the instant the crank is turned. This improvement can be attached to the common chain pump at a small cost, it is then a perfect machine, with which a small child can raise water from any depth.

Attachments, Pumps, and Rights for sale. Full descriptions by addressing J. P. BROWN,
16 627 Market street, Philadelphia, Pa.

MANNY'S PATENT REAPING AND MOWING MACHINE
MANUFACTURED BY

S. N. & W. H. PURSE,

Ashley, Pike county, Mo.

Having made several valuable improvements in these machines, we now recommend them as being the best Reapers and Mowers ever offered to the public. The most important changes made since last season are as follows.

1st. Instead of using the stationary wooden axle as before, the main wheel is fastened on an iron axle, which revolves with the wheel; and the wheel being enlarged, makes the machine of much lighter draft.

2d. The gearing is so arranged that the dirt is prevented from falling on it, so that there is no difficulty about keeping it greased.

3d. The platform is made wider and nearly straight, making it much easier to rake off the grain; also various other changes, all tending to make the machine more easily managed; of lighter draft, and more durable than before.

These machines can be thrown out of gear at any time, and taken from one field to another on their own wheels, without running the cutting apparatus. They can be raised or lowered so as to cut from one inch to thirty inches high, without stopping the team—thus avoiding the necessity of going around stumps, stones or other obstructions less than thirty inches high, and can be changed from a reaper to a mower or from a mower to a reaper in one minute. All side draft to the team entirely avoided.

We are making two sizes of machines for this season; the large machines will cut a foot wider than those made last season.

Price of 5 foot machines, with 2 sickles..... \$135
Price of 6 foot machines, with 2 sickles..... \$145

Machines shipped according to order, the purchaser paying cost of transportation from the shop. All orders addressed to the undersigned will meet with prompt attention.

S. N. & W. H. PURSE,

Ashley, Pike county, Mo.

CATTLE, CATTLE.

I have a few choice Alderney and Jersey Cattle for sale. They are from stock of my own importation and bred with care. Also Suffolk and Chester White Pigs of the best blood. Address JOHN B. POYNTZ,

Maysville, Ky.

PETER & BUCHANAN,

(Successors to Munn & Buchanan.)

DEALERS IN

HORSE POWERS, THRESHING MACHINES, & FARM IMPLEMENTS
OF ALL KINDS.

Garden and Grass Seeds, Lime, Hydraulic Cement, Plaster, Potatoes, Apples and Fruit,
CHAIN PUMPS AND PUMP FIXTURES,
484 MAIN STREET,
Louisville, Kentucky.

For Harvest of 1857.

Manny's Improved Reaper and Mower, two horses, \$150
" " " " " four horses, 160
Kentucky Harvester for Reaping and Mowing..... 150
New York Hand Raking Reaper (reaping only)..... 135
New York Self-Raking Reaper (reaping only)..... 155
Hussey's Improved Mower, (mowing only)..... 120
Railston's 8 horse Thresher and Cleaner, complete... 310
Ohio 4 Horse Thresher, Separator and Stacker..... 180
Ohio 4 Horse Thresher, complete..... 135
Emery's 2 Horse Railroad Power and Thresher..... 175
Emery's One Horse Railroad Power and Thresher..... 150
Horse Powers or Threshers furnished separately.
All letters of enquiry promptly answered.

PETER & BUCHANAN,
484 Main street, Louisville, Ky.

M'CORMICK'S

REAPER, MOWER AND HEMP CUTTER.

I will keep a full supply of the above machines at the warehouse of Mr. Waddingham, No. 260 Main street, I board at the City Hotel, where I may generally be found.

Those wishing information in relation to my Hemp Cutter, can refer to hemp raisers in Saline, Lafayette, Carroll and Pettis counties, where more than fifty were used last year. I will be very thankful for any patronage that may be bestowed on me.

No. 5-21* J. B. M'CORMICK.

WISNER'S PATENT WASHING



This Tub is easily worked, washed rapidly and well, and does not injure the fabric AS MUCH AS hand rubbing. By its use every kind of wearing apparel, together with spreads, quilts and blankets, are easily and thoroughly cleaned, and the finest lace is washed without injury. If you wish to lighten the labor and facilitate the process of washing, TRY ONE OF THESE TUBS. County rights for sale.

For sale by T. M. EASTERLY,
Daguerrean, 71 E. cor. Fourth and Olive st.
S. S. BRAINERD,
No. 108 North Fourth street.
JOHN J. LOCKE,
No. 105 North Fourth street.
WARNE, CHEEVER & CO.,
No. 29 Main street.

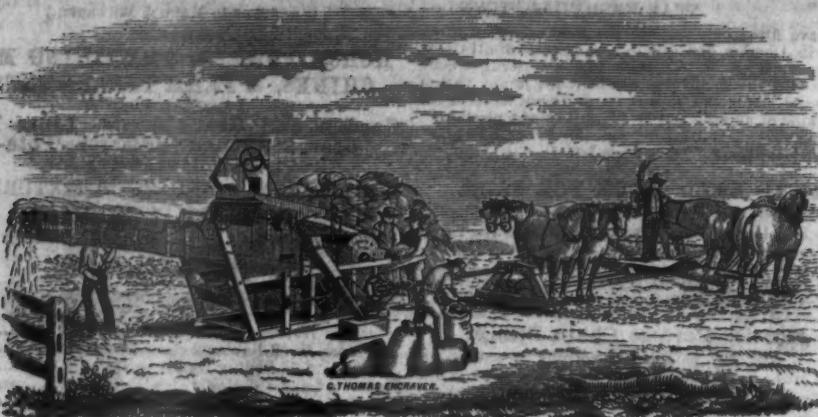
GENUINE CHINESE HEMP SEED !!

We are just in receipt of a lot of this celebrated Hemp Seed, which we are prepared to furnish at \$10 per bushel. Its peculiarities are that it flourishes on poor land and produces nearly twice the quantity per acre than the common hemp does. It has been successfully cultivated in Woodford county, Ky., for two years past.

Orders promptly attended to.

MUNN & BUCHANAN,
484 Main street, Louisville, Ky.

SOUTH-WESTERN AGRICULTURAL WORKS, LOUISVILLE, KENTUCKY.



RALSTON'S CELEBRATED THRESHER, SEPARATOR AND CLEANER.

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2nd. It has two fans and two sets of riddles. The first blows out all the dirt and chaff, and separates the chaff, cobble, gravel, sand and small grass and weed seeds. The second separates the wheat with an additional shake and, blast, and delivers it well cleaned on either side of the machine, at a sufficient height from the ground to attach a grain bag, while the white caps are passed back to the feed board, to enter the thresher with fresh sheaves.

3d. The riddles are patented, and constructed of sheet iron, punched in such a manner as to allow the wheat and heavy substances to pass through, while the chaff, straw and threshed heads roll off without any possibility of choking them. Riddles constructed on any other plan will choke.

4th. The rope driving-belts, as well as the carrier-belts, are made of the best belting leather, which can be tightened or loosened in a moment by twisting or untwisting. These belts are more durable and less liable to get out of order than any other kind, while carriers formed of cast iron links are constantly liable to break and get out of order.

5th. Its durability and strength—being constructed of thoroughly seasoned wood, and the best quality of wrought and cast iron.

6th. Its ease of draft, and the amount of good work—greater than any other machine can be made to perform with the same power and number of hands.

7th. The ease with which it can be transported on common country wagons—three or four hands can load or unload in fifteen or twenty minutes. Directions for loading and unloading accompanying each machine.

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A liberal discount made to dealers. Orders from abroad promptly attended to.

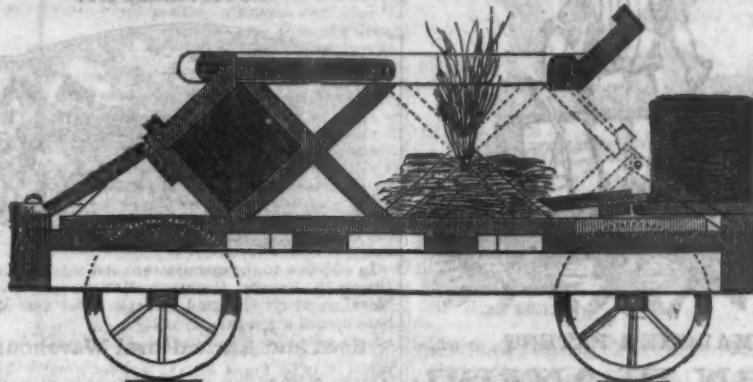
MUNN & CO.

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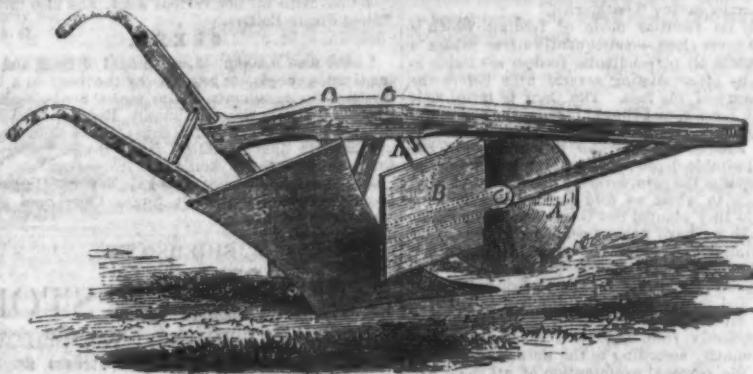
SOUTH-WESTERN AGRICULTURAL WORKS, Louisville, Ky.

MANNY & CO., Freeport, Ills.

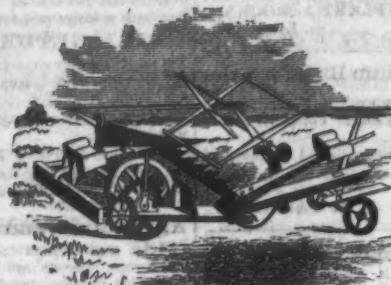
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MANNY & CO., Freeport Illinois.



**MALONE'S PATENT
CORN PLANTER.**

We again offer the above Planter to the public, with the assurance that it is the best yet invented, possessing advantages over all others of which we have a knowledge:

First. It enables the operator to walk more erect than any other, thereby saving "back ache."

Second. By its peculiar mode of feeding, which is horizontal, it never clogs,—consequently never misses a single hill; while all perpendicular feeders are liable to choke, thereby often missing several hills before the operator is aware of the fact. The Corn is heard as it falls from the hopper, and should it miss, the ear would detect it instantly. It has a long, steel wedge-like point, which enables the operator to thrust it into the ground any desirable depth; then by simply moving the two levers, deposits the corn, covering the same perfectly.

Some parties to whom we sold last season, have informed us that they planted Sod Ground with it successfully; although we have never recommended it for that purpose, having doubts about its operating in sod; and are still of the opinion that all corn land should be thoroughly plowed and harrowed for the perfect working of any planter, and for the insuring of the best crop.

With this labor-saving machine a man can PLANT and COVER perfectly, from Eight to Ten acres per day—varying in quantity according to the nature of the soil.

We invite the personal examination of all those who are in want of a perfect Planter, before purchasing elsewhere. They are warranted to give entire satisfaction, and to be unsurpassed by any other now in use. Persons at a distance should order early, as the supply will be limited, and numbers were disappointed last season. Price \$10. CLARK, PLANT & NORRIS.

March '56.

St. Louis, Mo.

A Thorough Bred Durham Bull for Sale.

I having used my bull "Advance," (199) American Herd Book, I now offer him for sale. For pedigree see 99 Am. H. B.

For particulars apply to the undersigned by mail, at Vermont, Cooper county, Mo., or in person at his farm near the above place.

no. 4, St. #

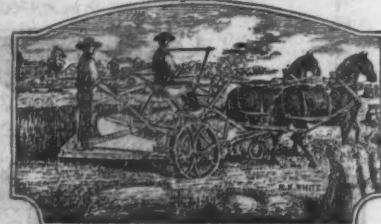
R. N. WARFIELD.

CHINESE SUGAR CANE,

ITS HISTORY, CULTIVATION AND VALUE AS A Forage crop and for Syrup, together with Drawing and Description of a Mill for grinding the canes, with a description of the process of making Molasses and Sugar. Condensed and arranged from the most reliable sources, including all the important information on the subject. Price 12½ cents, or four postage stamps. Postage pre-paid. Address W. S. LUNT, no. 44, MAUMEE CITY, Ohio.

NEW SEED AND AGRICULTURAL WAREHOUSE.

On Sixth street, between Main & Market sts.
LOUISVILLE, KY.



In addition to the manufacture and sale of MANNY'S IMPROVED PATENT COMBINED MOWING and REAPING Machines, at my old stand on Sixth street near Main, I have opened a general

Seed and Agricultural Warehouse,

where may be found all the articles usually kept in similar establishments, consisting in part of the following: Manny's Combined Mowing and Reaping Machines, with all the improvements; Horse Powers and Threshers, Straw Cutters, Corn Shellers, Wheat Fans, Clover Mills, Plows of various kinds, Harrows, Cultivators, Horse Rakes, &c., &c. Also Scott & Hedges' Little Giant Corn and Cob Mills of the various sizes, and also their new Patent Steam Boilers.

SEEDS,

I have also a complete assortment of fresh and genuine Garden Seeds, at retail or by the box, at a liberal discount to merchants. Also Grass Seeds, embracing Clover, Orchard Grass, Timothy, Red Top and Millet Seed; Also Kentucky Blue Grass, Cleaned in a superior manner; Chinese Hemp Seed, Osago Orange Seed, Osago Orange plants, &c., &c.

Also FRUIT TREES; Brooks' New Seedling Strawberry Plants, Chinese Sugar Cane Seed sent in packages by mail. no. 4 tf.

SIGERSON'S

SEED STORE

& AGRICULTURAL WAREHOUSE, Corner of Broadway and Wash Streets, St. Louis.

THE undersigned beg leave to acquaint their numerous customers in the West, that they will have for sale this spring, the largest and best selected stock of

Field, Garden and Flower Seeds, ever offered for sale in this market; and to which will be added a large and complete stock of

AGRICULTURAL IMPLEMENTS,

Embracing every conceivable variety likely to be wanted by Farmers and Gardeners. They pledge themselves that their stock for the Spring has been selected from the most reliable manufacturers in the East, and with unusual care.

They flatter themselves that their experience in Agriculture and Horticulture, has enabled them to make such selections as will give the most entire satisfaction to their customers. JOHN SIGERSON & BRO.

Agricultural and Horticultural Books.

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Corner of Broadway and Wash sts., St. Louis, Mo.

S. J. MITCHELL'S PREMIUM LIGHTNING RODS.

These superior rods are of Carbonized Enamelled Iron, with Electro positive elements combined in the manufacture, thus rendering them equal to copper as conductors. They are ten feet in length, with accurately fitted brass screw connecting joints, an entire new style of metallic attachments for brick or frame buildings; also, insulators of novel and ingenious construction. These insulators are three inches in diameter, and of sufficient strength to prevent the many accidents that occur from the use of the common small insulator. All insulators are marked in large letters, S. J. Mitchell. The whole mounted with a five prong copper point, tipped with platinum, twelve inches long, which possesses the power to an extraordinary extent of discharging the opposite elements of the most fearful thunder storm, and embraces the entire perfection of science up to the present time, constituting the most magnificent and perfect SILENT CONDUCTOR ever presented to the public.

Merchants and dealers are requested to call and examine before purchasing elsewhere. All orders addressed to me through the Post-office, or left at the shop, on Twenty-first street, above Franklin Avenue, will be promptly attended to.

No. 5, tf.

S. J. MITCHELL, St. Louis.

AYRE'S CHERRY PECTORAL.

For the rapid cure of Coughs, Colds, Bronchitis, Housiness, Whooping-cough, Asthma and Consumption, is universally known as the best remedy ever yet discovered for every variety of Pulmonary disease. So wide is the field of its usefulness, and so numerous the cases of its cures, that almost every section of the country abounds in persons publicly known, who have been restored from alarming and even desperate diseases of the lungs by its use. When once tried its superiority over every other medicine of its kind, is too apparent to escape observation, and where its virtues are known, the public no longer hesitate what antidote to employ for the distressing and dangerous affections of the pulmonary organs which are incident to our climate. By its timely use many, nay almost all attacks of disease upon the lungs or throat, are arrested and thus are saved many thousands every year from a premature grave. No family should be without it, and those who do neglect to provide themselves with a remedy which wards off this dangerous class of diseases, will have cause to deplore it when it is too late. Proofs of the surprising efficacy of the Cherry Pectoral need not be given to the American people, they have living proofs in every neighborhood. But those who wish to read the statements of those whose whole health has been restored and whose lives have been saved by its use, will find them in my American Almanac, which the agent below named has to furnish gratis to every one.

Prepared by JAMES C. AYER, Practical and Analytical Chemist, Lowell, Mass.—And sold by BERSAED, ADAMS & CO., St. Louis, and all druggists.

mar. 3

NURSERY.

JULIUS MALLINCKRODT, near Augusta, a Port on the Missouri River, St. Charles Co., Mo., has a large supply of Fruit Trees and Plants, for sale this season 1856, 57, consisting of

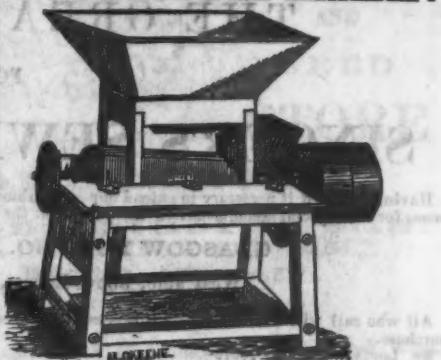
Winter Apples,	Peaches,	Apricots,
Fall do	Cherries,	Plums,
Summer do	Pears,	Catalpas, &c.

Agency in St. Louis at the

MISSOURI SEED STONE AND AGRICULTURAL WAREHOUSE,

J. & A. LARGUE,
No. 4, North Main Street.

PREMIUM MILL!



FELTON'S

Self-Sharpening Portable Corn Meal, Cob and General Feed Mill.

This Mill was awarded the First Premium at the St. Louis Fair for the above kind of grinding. It can be run by any kind of horse, water or steam power practicably. The No. 3 Mill is capable of grinding from 16 to 20 bushels of superfine meal per hour, and from 20 to 40 of corn and cob and other feed per hour, with from 3 to 6 horse power. No. 2 will do one-half the above amount with half the power.

These Mills are very durable, and any inexperienced person can run them. They have been tested for over two years, and all are in perfect order yet, and giving the best of satisfaction. The metal being harder than tempered steel, and truly self-sharpening, makes it more durable than a dozen common iron mills; therefore they are much cheaper.

Persons wishing a mill for grinding all kinds of grain in a grist mill, or to attach to a saw mill, are requested to try one of the Felton Mills, as they are warranted to grind twice as fast as a burr stone with the same amount of power; and if the grinding surface should ever wear out we will replace them at one-fourth the expense of keeping a stone in order the length of time they run, therefore save time in dressing stone, and expense of keeping a practical miller.

Price of mills all complete ready to run, No. 2, \$150; No. 3, \$200. For sale by our agents, Wm. M. PLANT & CO., No. 14 North Main street, and H. C. HOUTS & CO., No. 21 Market street, or at our office, 122 Market street, St. Louis, Mo.

De'56, ly. LOOMIS, NICHOLS & CO., PROPRIETORS.

PENNOCK'S PATENT

WHEAT DRILL!

This machine is simple and durable. It is not injured by coming in contact with roots and rocks. It saves from one to two pecks of seed to the acre. It causes a yield of three to eight bushels over the old method, which difference is produced by leaving a ridge of soil between the rows. The plant is thereby protected and invigorated during the winter, instead of being thrown out as in broadcast.

The supply last season was not equal to the demand. To insure a machine the coming season, order early.

TERRELL & BUCHANAN, Manufacturers,
Cor. Franklin Avenue and 20th st. St. Louis.

Chinese Sugar Cane Seed.

New, pure and well ripened, sent by mail in packages at 50 cents and \$1 each. All the best varieties of Vegetable and Flower Seeds, by mail, 16 packages for \$1. Also all the finest varieties of Rose, Bults, Shrubbery plants, &c.

Address
n. 21.

W. T. GOLDSMITH, Rochester, N. Y.

THE GREAT DEMAND
FOR
SINGER'S SEWING MACHINE

Having rendered it necessary to extend our establishment, we have opened another suit of exhibition and sales rooms for the especial accommodation of the ladies at the large store in

GLASGOW ROW, NO. 106 FOURTH STREET,

West side, above Locust, directly opposite Vine st.

All who call will be courteously furnished with every information, whether 1d by curiosity or a desire to purchase.

St. Louis, April 27, 1857.

EDWIN DEAN, Agent.



The reputation of Singer's Sewing Machines is spreading far and wide with unexampled rapidity. But as the price appears large to those who are not fully conscious of the wonderful capacity of the Machine, people naturally desire to be perfectly satisfied that the investment is a good one before purchasing; hence applications from persons at a distance to their friends and acquaintances in Saint Louis, for reliable information are so numerous that the task of replying has become quite onerous.

The annexed Certificates will, it is thought, satisfy the most skeptical.

The following is from the lady of Rev. C. B. PARSONS, D. D.:

St. Louis, January 30, 1856.

Mr. EDWIN DEAN, Sir:—I am using one of Singer's Sewing Machines, and am satisfied that it fully realizes your recommendation. I have much pleasure in making this statement, which I do for the benefit of those, who, like myself, may feel an interest in what I consider one of the most remarkable and perfect improvements of the age.

MRS. E. C. PARSONS.

"We fully subscribe to the above,"

STICKNEY & SCOLLAY, Proprietors of the Planters House.

BARNUM & FOGG, Proprietors of St. Louis Hotel.

"I have tried other sewing machines in my business of dress making, and most decidedly prefer Singer's, which I am now using."

MRS. T. DICKENSON, 146 North Fourth street.

"Singer's Sewing machines are undoubtedly unrivaled for manufacturing clothes."

BROWN, THATCH, & CO., 72 Main street.

"We are using Singer's Machine in the Manufacture of gentlemen's boots and shoes, and are satisfied they are not recommended too highly."

J. H. PORTH, 47 Locust street.

In order to gratify the very natural curiosity of the public, we have procured one of the much talked of

\$10 SEWING MACHINES,

and made arrangements for a supply. Should any wish to purchase the said machine is open to inspection.

NEW
AGRICULTURAL
WAREHOUSE

LANDRETH'S
WARRANTED
GARDEN SEEDS

AND
SEED
STORE

DAVID LANDRETH,
WHOLESALE AND RETAIL DEALER IN
Garden, Grass and other Seeds.
MACHINE, AGRICULTURAL IMPLEMENT AND TOOLS.
No. 18 South Main street,
SAINT LOUIS, MO.



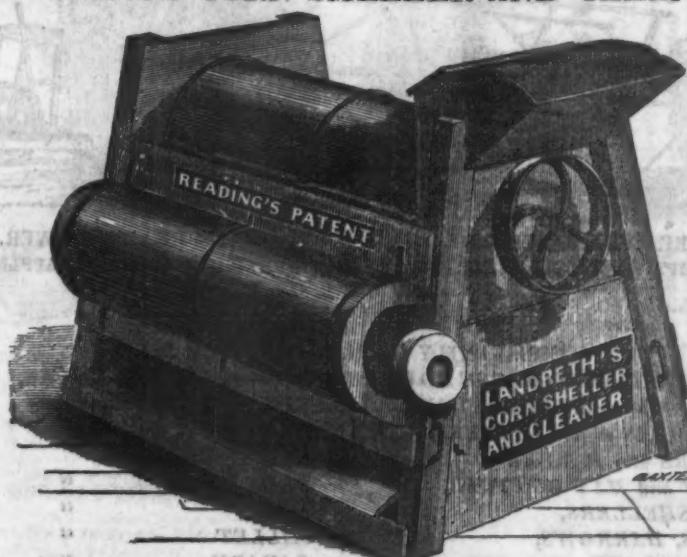
Manufactured at Landreth's Agricultural Works,
Bristol, Pa., and for sale in St. Louis, at his Ware-
house, only.

Farmers will take notice, this Sheller has Concave
Feeding Wheels and Bevelled Cogs, to prevent choking,
and are warranted superior to any other Hand Sheller
now in use.

Price \$28.00. A liberal discount to Wholesale Pur-
chasers. D. LANDRETH.

No. 18 South Main Street.

LANDRETH'S CORN SHELLER AND CLEANER



READINGS'

This machine is truly extraordinary in its power and capacity, and will unquestionably work an important
change in the cost of preparing corn for market; and it is by no means too much to say, will save the farmers of
the great corn producing States Tens of Thousands of Dollars yearly. With a new one horse tread power, One
Hundred and Forty bushels of Corn have been shelled within an hour, not as an experiment, but as ordinary
labor. For sale only at

LANDRETH'S AGRICULTURAL HOUSE,

Price with Fan.....\$75 00
" without Fan.....\$60 00

No. 18 South Main street, St. Louis, Mo.

[Ja. '58]

**ST. LOUIS AGRICULTURAL WORKS,
WAREHOUSE AND SEED STORE.**

ESTABLISHED 1845, BY WM. M. PLANT.

CLARK, PLANT & NORRIS,
(SUCCESSORS TO WM. M. PLANT & CO.,)

MANUFACTURERS OF AND WHOLESALE AND RETAIL DEALERS IN

Agricultural Machines and Tools,

IN ENDLESS VARIETY; ALSO

GARDEN, GRASS AND OTHER SEEDS.

SIGN OF THE GILT PLOW.

No. 14 North Main Street, between Market and Chesnut streets.,

ALSO, NO. 203, NORTH FOURTH ST., OR 218, BROADWAY,

between Morgan Street and Franklin Avenue.

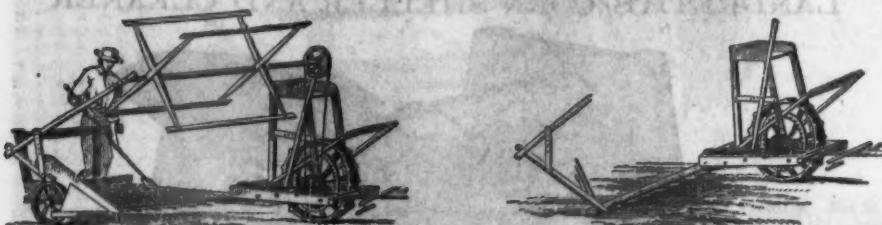
MANUFACTORY, NORTHWEST CORNER OF MAIN AND BIDDLE.

ROLLIN CLARK,
WM. M. PLANT,

St. Louis, Mo.

A. B. NORRIS,
J. F. SMITH,

READ'S COMBINED REAPER AND MOWER,
This is the most Complete and Simple Combined Machine yet offered to the Public.
Over Four Hundred have been sold, and given perfect satisfaction.



READ'S REAPER.

READ'S MOWER.

DESCRIPTIVE CIRCULARS WITH WARRANTY FURNISHED GRATIS TO APPLICANTS.
PRICE \$140 00.

CONSTANTLY ON HAND AND FOR SALE,

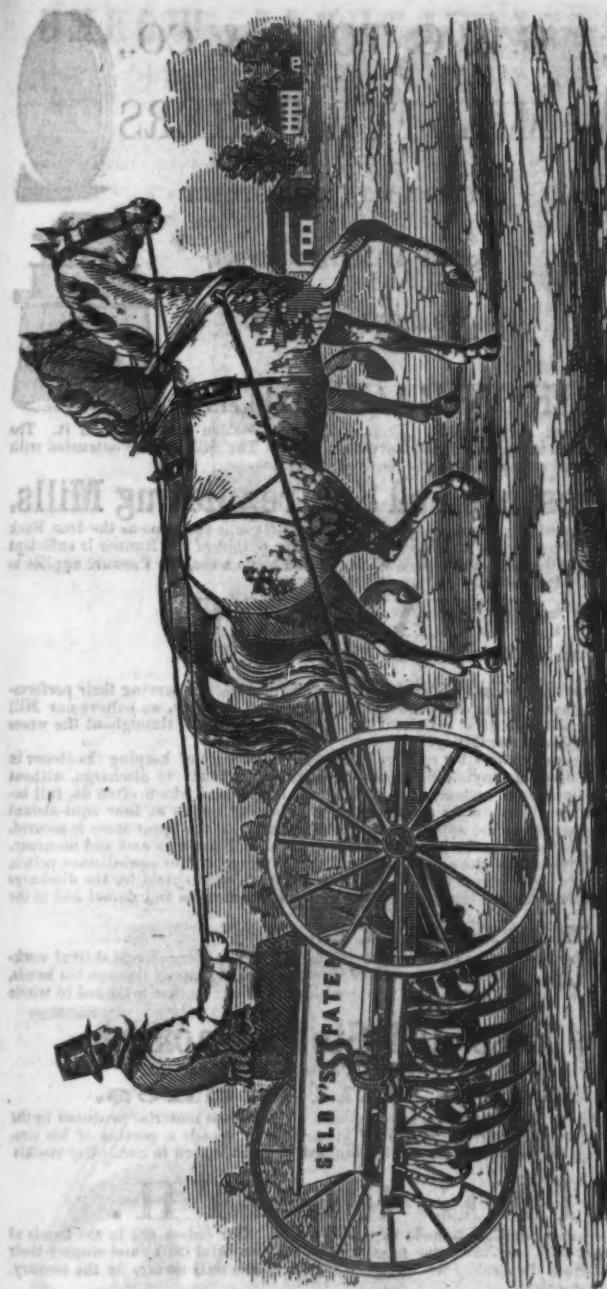
LEVER & RAILROAD HORSE POWERS
THRESHERS with SEPARATORS,
THRESHERS with CLEANERS.
MOWERS and REAPERS,
STRAW and HAY CUTTERS,
CORN SHELLERS,
PLOWS, HARROWS,
CULTIVATORS,
CORN DRILLS and PLANTERS,
FAN MILLS,

AGRICULTURAL BOOKS,
TIMOTHY SEED,
CLOVER “
RED TOP “
BLUE GRASS “
HEMP “
MILLET “
CANARY “
GARDEN and FLOWER SEEDS,
BIRD CAGES, &c.

CHINESE SUGAR CANE AND CHINESE HEMP SEED.

Our Descriptive Catalogue furnished gratis on application at warehouses, or by mail, when five cents are sent to prepay the postage.

CLARK, PLANT & NORRIS.



MOFFITT'S Thresher and Cleaner with Horse Power.

We have made arrangements to manufacture this deservedly popular Thresher, and shall be prepared shortly to fill all orders for the same. Descriptive Catalogues gratis.

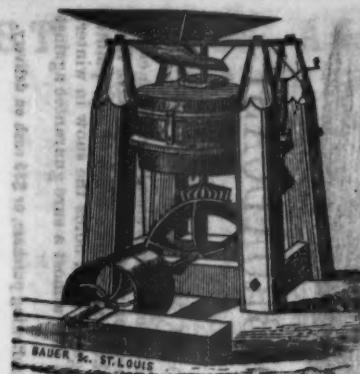
Price of Eight Horse Power with Thresher and Cleaner complete, \$375. Terms—half cash, balance 4 months approved note, or 5 per cent discount for cash on delivery.

CLARK, PLANT & NORRIS.

SELBY'S PATENT WHEAT DRILL AND BROADCAST SEED SOWER!

MANUFACTURED BY CLARK, PLANT & NORRIS, ST. LOUIS, MO.

We are now manufacturing this Drill with the Seed Sower attached, and are prepared to receive orders, which should be given early. The experience of the past few years has demonstrated the great value of the Drill to the agriculturist, for it has been found to save from one to two pecks of seed wheat to the acre, and produces 15 to 25 per cent increase in crop. It makes an even distribution of any quantity of seed, covering it in an uniform depth, leaving a narrow furrow with ridge on either side, which gathers and holds the snow in winter, and in the spring, the earth washing from the ridge into the furrow covers the roots, thus protected it is almost a sure guarantee against freezing out or winter killing. Descriptive Catalogues furnished gratis. Price of Drill complete, with Seed Sower attached, \$90. Terms, half cash, balance approved note, due 1st Jan. following purchase, or \$85 cash on delivery.



G. & C. TODD & CO., MILL FURNISHERS

NO. 12 NORTH MAIN STREET

Corner of Morgan street,

SAINT LOUIS, MO.



TODD'S IRON BACK MILLS.

The construction of this Mill is simple and very durable. There is no complication in any part of it. The Stones are adjusted and operated in the same manner as in ordinary flour mills. The Mill can be entrusted with safety to the charge of any careful hand, and cannot fail to give entire satisfaction.

Todd's Improved Pressure and Self-regulating Mills.

These Mills are in extensive use, and are highly commended. Their construction is the same as the Iron Back Mills, differing only in the substitution of Pressure for weight of Runner. The weight of the Runner is sufficient for ordinary grinding, say from six to eight bushels per hour. When desired to do more, the Pressure applies to the extent required for the increased feed. It graduates and applies itself.

TODD'S CHALLENGE.

Seimer's Patent, 1856. Largest Size Three Feet.

The under Stone of this Mill revolves.

For more than fifteen years we have been engaged in manufacturing these Mills, closely observing their performance, with a view to making such improvements as our experience might suggest. And now, we believe our Mill is the best of the kind in use. They are made with great care, and the distribution of metal throughout the whole arrangement is made with a view to strength and durability.

The principal objection to mills with the under stone for runner, is, First, the difficulty of keeping the stones in TRAM. Second, the stones being confined between unyielding points, rendering it difficult to discharge, without risk of breaking, harder substances than grain; for instance, nails, &c., that might, and which often do, fall between the stones. The first, we have overcome by a simple arrangement of adjusting screws at four equi-distant points in the bed plate, and corresponding screws in the upper rim of the frame in which the upper stone is secured. The screws are convenient of access, and the stones can be brought to a true level or TRAM with ease and accuracy. The second and most serious objection is obviated by the application of Elastic Springs at four equi-distant points, so arranged as to receive the entire resistance of the stones in their grinding operation, and to yield for the discharge of hard substances with facility, and without risk to the mill. These springs are durable and do not add to the complication of the machinery.

BELTING.

For four years we have been manufacturing this article. One of the firm is an experienced and skilful workman, who gives his personal attention and labor to this department; every foot of belting passes through his hands, and if not suitable is condemned. Our machinery is of the most approved kind, and our leather is tanned in whole hides, selected expressly with reference to its fitness for belting.

Rubber Belting Hose and Steam Packing.

We are the only agents of the Boston Belting Company in this city, for the sale of these goods.

French Burr Mill Stones.

To this department of our business we have been to great expense in obtaining the best material produced by the quarries in France. Our stock is selected at the quarries, by one of the firm, who spends a portion of his time there. In selecting for our Portable Grain Mills the best article is obtained without regard to cost. Our stock is always large.

BOLTING CLOTH.

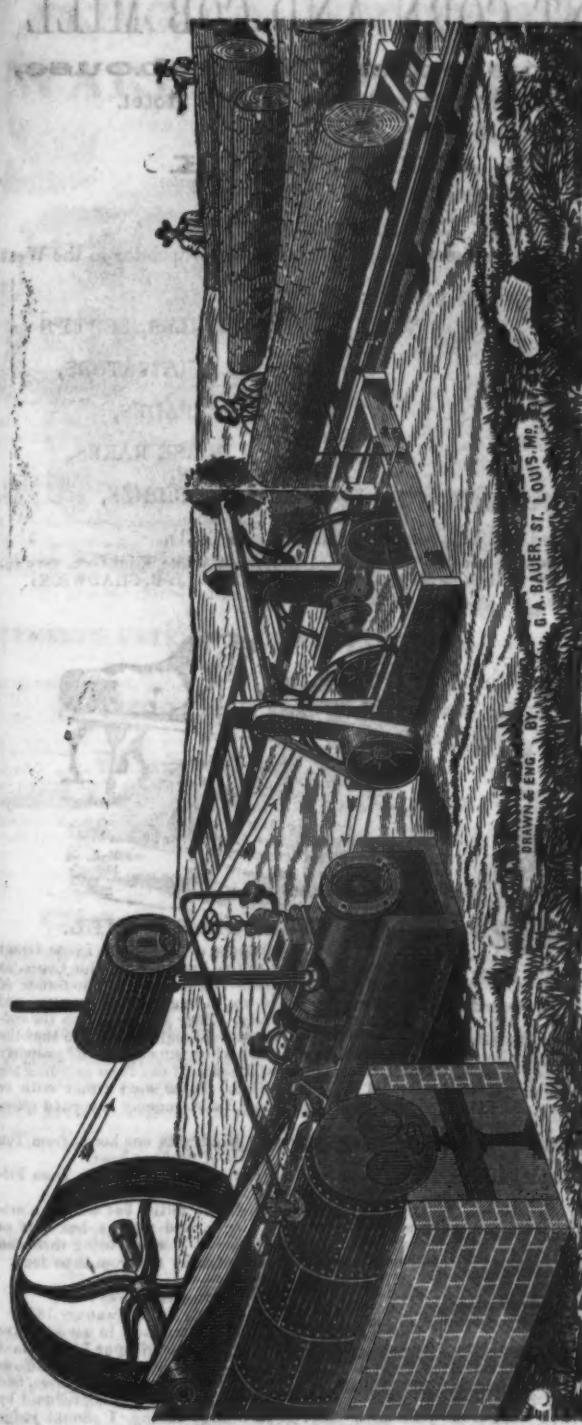
This article, so difficult to obtain of superior quality, is made expressly for us. Our orders are in the hands of the manufacturers a year in advance, that they may have time to select the best material (Silk) and employ their most skilful workmen, that they may produce the quality we want. We refer to the mill owners in the country, and especially in this city, respecting this article.

PRICES OF CHALLENGE AND GRAIN MILLS.			PRICES OF PRESSURE MILLS.		
20 inch Pully Mill,.....	\$150	Geared.....	\$165	2 feet, with Pully,.....	\$145—Geared,.....
24 " " "	165	"	200	2½ " " "	185 "
28 " " "	200	"	225	3 " " "	235 "
30 " " "	225	"	250		275
36 " " "	275	"	310	3½ feet Mills, heavy Runner, Pulley,.....	\$200—Geared \$250

PRICES OF IRON BACK MILLS.

2 feet Grain Mill, with Pully, \$135—Geared, \$160.	2½ feet Grain Mill with Pully, \$175—Geared, \$200.
3 feet, with pulley, 225—Geared, \$265.	

Terms for Small Mills, 4 months City acceptance, or 5 per cent discount for cash.



PAGE'S PATENT PORTABLE CIRCULAR SAW-MILL.

WITH STEAM POWER THESE MILLS are capable of sawing from THREE to EIGHT Thousand feet of lumber in a day, varying according to the power applied and kind of timber sawed.

With Horse Power, are capable of sawing from ONE to TWO thousand feet per day, according to the kind of timber sawed, and with either STEAM, WATER, or Horse Power, will saw more lumber and in a better style, than any other kind of mill now in operation.

With the CHILD PATENT DOUBLE MILL, any sized timber can be sawed. The simplicity in their operations, durability and adaptation of these Mills to the wants of the country, and successful practical operation of those in use,

to the power applied and kind of timber sawed. With our experience for the past ten years in making these Mills, and with improvements and increased facilities in manufacturing, we offer them to the public with the fullest confidence of their superior advantages over all others.

Having the right of manufacturing for a large portion of territory West and South, we can furnish either the SINGLE or DOUBLE Mill as preferred, for Steam, Water or Horse Power.

Orders respectfully solicited, and any further information cheerfully given.
KINGSLANDS & FERGUSON,
PHOENIX FOUNDRY, Corner of Second and Cherry Sts. St. Louis.

LITTLE GIANT CORN AND COB MILL AND Agricultural Implement Warehouse,

175 and 177 MAIN STREET, opposite the Virginia Hotel.
SAINT LOUIS, MO.

JAMES B. CHADWICK

Keeps constantly on hand a general assortment of

Farming Implements,

And respectfully solicits the patronage of those desiring such. Is also proprietor in the West for the

Little Giant Mill.

Agent for HEDGES' CHINESE SUGAR CANE MILL, STEAM BOILER, SCOTT'S CRESCENT MILL, Etc., Etc.

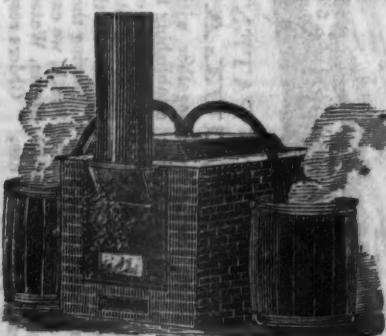
MOWERS and REAPERS,
HORSE POWERS,
THRESHERS and SEPARATORS,
STRAW CUTTERS,
SELLERS,
FORKS,
SCYTHES and SNATHS,
CRADLES,

PLOWS and CULTIVATORS,
HARROWS,
SHOVELS and SPADES,
CHURNS,
HAND and HORSE RAKES,
GARDEN TOOLS,
MORTICING MACHINES,
POST AUGERS,

And other economical and labor-saving Machines and Tools.

500 Bushels of Choice Northern Seed Buckwheat. 100 bushels Shepherd Improved White Flint Corn, very superior for Seed, with which other varieties will not hybridize, for sale by

J. B. CHADWICK:



AGRICULTURAL STEAM BOILER.

The above cut represents the complete apparatus for cooking food for stock, by means of Steam, in boxes or barrels; heating water for farmers' use; washing clothes; scalding hogs; steaming timber for carriage, plow, or shingle makers; warming buildings by means of steam pipes, etc., etc. It consists of a cauldron holding about fifty gallons of water, with tight fitting cover, in which are inserted flexible pipes, with valves by means of which the steam can be conducted wherever desired—a lever serves to shift the steam from one pipe to another, or into both, but is so arranged that an explosion is impossible.

Only 350 bricks are required to set one up, and directions so plain that any one can understand them, are furnished with each Boiler.

Price put on board steamboat or railroad, \$50.

Mr. McAFFEE, an intelligent farmer near Elkhorn, Washington county, Ills., says:

James B. Chadwick, Esq., Dear Sir: Attracted by the experiment of Mr. Clay of Kentucky, as reported in the Valley Farmer, I made use of cooked food with hogs, and the result shows that fully one-third of the corn necessary to fatten them properly is saved by using it in a cooked state. By cooking corn and cob meal the saving must be much greater.

JAS. McAFFEE.

The cut above represents a celebrated Little Giant Corn and Cob Mill with the improved Double Cones, as introduced a few months since. Several thousands of these mills are now in use throughout the country, and always prove satisfactory. They are formed on the coffee mill principle, of cast iron, and so arranged that the iron surfaces do not touch when run empty. If properly used a Little Giant will not wear out from grinding ten thousand bushels of feed. To be used either with or without a Steam Boiler, their economy is beyond question.

No. 2, price \$40, will grind with one horse, from Ten to Fifteen bushels of feed per hour.
No. 3, price \$60, will grind with two horses, from Fifteen to twenty bushels per hour.

Both of the above are double mills, but can, in a moments time, be made single, and require but half as much power to propel them. Persons using them can sift sufficient fine meal for family use from their feed.

G. S. CASE, of this city writes as follows:

5th January 1856.

James B. Chadwick, Esq.: I have now in use and have for some time past been using one of your Little Giant Mills at my omnibus stables in this city, which affords entire satisfaction. I am feeding over sixty horses, and by using ground corn and cob meal as is produced by your mill, effect a very large saving, I should judge nearly one-third of my corn.

G. S. CASE,
Proprietor of city line of Omnibus.

CHICAGO AGRICULTURAL WORKS, WAREHOUSE AND SEED STORE,

NO. 204 LAKE STREET, CHICAGO, ILL.



EMERY'S PATENT CHANGEABLE RAILROAD HORSE POWERS, THRESHERS AND SEPARATORS, AND THRESHERS AND WINNOWERS.

Circular & Cross Cut Saw Mills;

PORTABLE GRAIN AND GRIST MILLS;

FELTON'S PATENT GRAIN AND FEED MILL;

GRAIN DRILLS, SEYMOUR'S, PENNOCK'S, MOORE'S, &c.

WHEEL CULTIVATORS, IDES', ROGERS' and others.

CLOVER HULLERS, CRAWFORD'S PATENT;

DO DO MANFIELD'S DO

Cider Mills, Emery's and Hickok's.

HARROWS,	GEDDES' AND SCOTCH,
CORN SHELLERS	SMITH'S PATENT POWER SHELLER,
DO DO	READINGS' DO DO DO
DO DO	ALL VARIETIES OF HAND DO
FANNING MILLS	MONTGOMERY FAN,
DD DO	GRANT'S PATENT, Six Sizes:
DO DO	EAGLE FAN.

HAY AND STRAW CUTTERS, A LARGE ASSORTMENT.

PLOWS

BREAKING AND STIRRING.

With a full assortment of

MACHINERY, AND IMPLEMENTS, &c.,

SEEDS, GRAIN, &c.

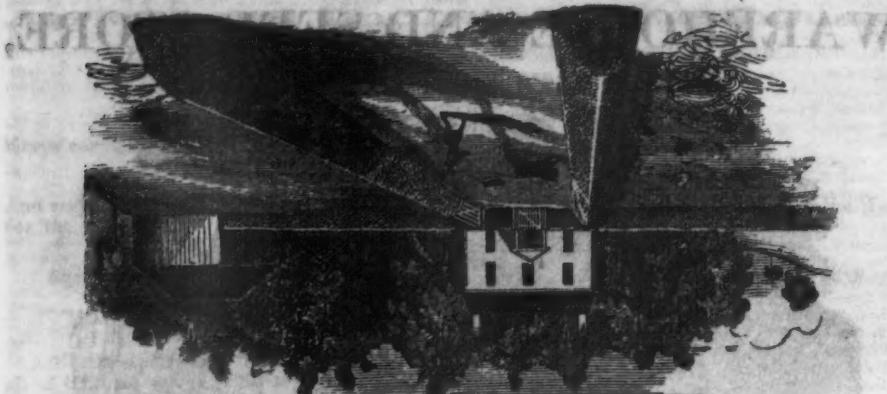
Wheat, Rye, &c., for Fall Sowing. Clover, Timothy, Blue Grass, Red Top, &c., &c.,
For Sale at

CHICAGO AGRICULTURAL WAREHOUSE AND SEED STORE,

204 LAKE STREET, CHICAGO, ILLINOIS.

HENRY D. EMERY & CO.

Hedge Fences the surest Protection of Golden Harvests—The Leading Improvement of a Past Age!



LOGAN SLEEPER,
St. Louis, Mo.

W. M. M. LINDLY,
St. Jacobs, Ill.

SLEEPER & LINDLY

Will continue the business of

SETTING AND GROWING HEDGE FENCES.

We will give due attention personally, and by carefully appointed agencies, wherever can be had quantities to justify.

Having well matured our plans, and united permanently, we intend our performances shall be thorough and faithful, and insist upon being considered **RESPONSIBLE** and **ABIDING**. Our terms shall be reasonable and uniform. Please write us for circulars.

Particular attention given to the resuscitation and completion of old, neglected Hedges. Osage Orange Seed and Plants, good and fresh, always on hand in proper season. Printed instructions accompany them when desired.

[May 1857—3y.

SHORT HORNED CATTLE.

&c., &c., &c.

Third Annual Sale at Woodburn Farm.
THIRD DAY OF JUNE, 1857.

OWING to several public events having been appointed for the same time as that originally proposed for my sale, I have been obliged to postpone it till Wednesday, the 3d day of June next. On that day I shall let for twelve months the two aged imported bulls, "Lord John" and "Baron Martin," and sell one aged imported bull, "Grand Master." I will also sell some 28 young bulls, and above 30 head of cows and heifers (some of them imported)—all of the short horned breed. At the same time will be sold some Cotswold ewes and rams, and one imported Southdown ram, which I can spare, having bred from him for two years.

The herd from which the calves to be sold have been bred will bear comparison with the best in this country or abroad. Calves sold at my last sale took first prizes at Lexington, Cynthiana, and Louisville fairs in this State and the only one that went to Ohio took the first prize at the State fair at Cleveland; his owner is said to have refused \$1,500 for him.

Catalogues will be ready for distribution in the course of a few days and may be had on application to Mr. S. W. Johnson, Spring Station, Woodford county, Ky.

The sale will begin at eleven o'clock.

A. AITCHESON ALEXANDER.

SAINT LOUIS.

This celebrated Racer and Stallion will stand the present season at my stable in St. Charles county, Mo., five miles above St. Charles, on the Boone's Lick Road. Particular care will be taken to prevent accidents or escapes, but will not be liable for any should they happen. Saint Louis has been so often advertised that it is useless to say more. He has been four times exhibited at public fairs, and in every instance the first premium has been awarded to him as the best Blooded Stallion.

JOHN P. WHITE.

**MANNY'S PATENT
REAPING & MOWING
MACHINES.**

MANUFACTURED BY

KINGSLANDS & FERGUSON,
PHENIX FOUNDRY, St. Louis, Mo.

These machines will cut from **TEN** to **FIFTEEN** acres of Grain or Grass in a day, with two horses, and one hand while mowing, and two hands while reaping; will do the work as well as it can be done with a scythe or cradle.

They are recommended as being less difficult to manage, and as possessing more advantages than any other machine now made.

The cutting apparatus can be raised or lowered by means of a lever at the driver's seat, so as to cut from One Inch to Two Feet from the ground, while moving along. This is a decided advantage, avoiding the necessity of going around stumps, stones, or other obstructions, as the cutter can be raised so as to pass over any obstacle that is not higher than the axel, without stopping the machine.

It can be changed from a Reaper to a Mower, or from a Mower to a Reaper, IN ONE MINUTE.

It is a **PERFECT MOWER** and a **PERFECT REAPER**, and the **ONLY** successful Combined Reaper and Mower in the world.

Persons wanting machines for the coming season would do well to send in their orders soon, as last year the demand for them could not be supplied.

All orders addressed to the undersigned, will meet with prompt attention.

KINGSLANDS & FERGUSON.

W. M. J. KEY, Wholesale and Retail Dealer in OSAGE ORANGE PLANTS, and BUILDER of HEDGES. Glasgow, Mo.

no. 51.

BOOKS FOR FARMERS AND THEIR WIVES.

American Cattle Doctor. By Dadd	1 00
American Poultry Yard. By Browne	1 00
Allen on Domestic Animals	75
Dana's Muck Manual	1 00
Miles on the Horse Foot	50
Miles on Horse Shoeing	75
Norton's Scientific Agriculture	65
Naase's Progressive Farmer	65
Reemelin's Vine Dressers' Manual	50
Saxton's Rural Hand Book, 2 volumes	2 50
Yonatt & Martin on the Hog	75
American Farm Book, by Allen	1 00
American Fruit Garden, by Barry	1 25
Buist's Kitchen Gardener	75
Buist's Flower Garden Directory	1 00
Buel's Farmers' Instructor, 2 vols	1 00
Complete Farmer and Gardener, by Fessenden	1 25
Grape Grower's Guide	65
Loudon's Ladie's Flower Garden Companion	1 00
Thomas on Farm Implements	1 25
Stephens' Book of the Farm	4 00
Dad's Horse Doctor	1 25
Dad's Cattle Doctor	1 25
Guenon on the Mich Cow	65
Mason's Farrier and Stud Book	1 25
Morgan Horses, by D. C. Linsley: New & valuable	1 00
Stewart's Stable Book	1 55
Yonatt on the Horse	1 25
Yonatt & Martin on Cattle	1 50
Farmer's Land Measure, by Peffer	25
Mrs. Hale's Cook Book, \$1, Miss Leslie's do	1 00
Miss Beecher's do 75c. Miss Widdifield's do	1 00
All the other good Cook Books, besides many other useful works for the Farm and the House; and a large stock of Standard Books, and Stationery.	

Send by mail, or otherwise, or call at

J. M. CRAWFORD'S, 30 & 32 Chestnut street,
Next door to the Office of the "Valley Farmer,"
Feb. 50, St. Louis, Mo.

KUHNS & HAINES'

SEED DRILL.

THE LATEST PATENT AND THE BEST.

This Drill is Warranted in such a way that no one runs a risk in buying. It may be changed in a moment to sow Wheat, Barley, Oats, Rye, Timothy, Clover and Flax Seed, simply by turning a screw in the end of the box. It has been thoroughly tried in all kinds of ground and under all kinds of circumstances, and has proved to be just the article desired by farmers. A man or boy with a pair of horses can easily put in ten to twelve acres a day, thereby making it a great labor-saving machine. It will also save from one to two pecks of seed to the acre, which, on a hundred and fifty acres will pay for the Drill, and it is almost sure to produce from two to ten bushels more to the acre than broadcast sowing. The Drilled wheat this year, is about the only wheat that looks like making a crop. In fact, it is almost a sure crop. I give a credit on the Drill until January, 1858.

Those who intend buying a Drill this year, should send in their orders early, as the demand, every year, is greater than the supply. Those who order first will be supplied first, giving preference only to those who pay cash.

Pamphlets giving a description and price can be had on application either in person or by letter.

No. 5, 21 S. H. OSBORN.

A few Agents wanted yet to sell these Drills.
Office opposite the Post-office, Springfield, Illinois.

LATOURETTE & WYMAN,

MANUFACTURERS OF

LINSEED AND CASTOR OILS.

OFFICE AND WORKS, Corner of Second & Columbia Sts.
SAINT LOUIS, MISSOURI.

Cash paid for Flaxseed and Castor Beans.



Dr. C. De MONTREVILLE,
SURGEON DENTIST,
No. 59 North Fifth street, between Olive and Locust,
ST. LOUIS, MO.

The natural Teeth will receive all the care of which they are susceptible, by the operations of Cleansing and Filling with Gold to insure them from loss,—or Extracting when useless from decay. The teeth of children carefully attended to.

Artificial teeth inserted by various methods, on pivots on the natural roots, on atmospheric pressure, suction, clasp, or springs,—on solid silver, platinum, porcelain, aluminium, gutta percha, or in any desired way, to suit the inclinations, the purse and the pleasure of those who may require.

Fifteen years of active practice in this city and the city of New York, will warrant me in saying that the whole resources of the Art will be employed in the just perfecting of any work entrusted to me. Marly.

EMERY'S PATENT CHANGEABLE HORSE POWER,

Thresher, Separator, Saw, &c., &c.

The subscribers are now prepared to contract for the delivery of these justly celebrated Machines for the season of 1856.

Our prices for the Two Horse Power with Thresher and Separator, &c., will be 150 dollars, delivered on board of any conveyance in the city, or we will deliver on the Mississippi river, at the terminus of any Railroad running from Chicago, for 200 dollars.

This will give to those wanting in Upper Missouri, Iowa, Minnesota and Wisconsin, an advantage over buying at any other point in the West.

CAUTION—Should be observed in buying the Horse Power, that the genuine

EMERY'S PATENT

Are obtained, as none are made except they bear the stamp and brand of

EMERY'S PATENT, 1856.

MANUFACTURED BY

EMERY BROTHERS.

This remark is made because the reputation of the Power has induced IMITATIONS to be thrown into the market and are of inferior construction and workmanship.

Full and Descriptive Catalogues are furnished gratis to all on application.

HENRY D. EMERY.

204 Lake street, Chicago, Ill.

J. H. LIGHTNER,

No. 82 SECOND STREET,

between, Olive and Locust, St. Louis, Mo.

MANUFACTURER AND DEALER IN

STOVES.

Charter-Oak, Golden Era, and other select patterns—
also, Parlor and Shop Stoves, Parlor and common Grates,
Sugar Kettles, Dog-Irons, &c. Also—

PLOWS.

Moline, Peoria, Diamond and other patterns for Prairie Breaking, or Fallow; also, Contractor's Iron Plows,
for Railroads.

[Ja. '56, 13]

GEORGE KINGSLAND, LE ROY KINGSLAND,

DAVID K. FERGUSON,

KINGSLANDS & FERGUSON,

Phoenix Foundry!

196, 198 & 200, Second Street, St. Louis, Mo.

MANUFACTURERS of PAGE'S PATENT PORTABLE SAW-MILLS, CHILD'S PATENT DOUBLE SAW-MILLS and HORSE POWERS; COX & ROBERTS' PATENT THRESHER and CLEANER.

Threshers with and without Separators, Lever Powers, Endless Chain or Railroad Powers, Corn and Cob Crushers, Corn Shellers, Plows, Bark Mills, and Mill Machinery.

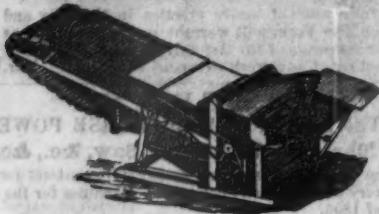
CASTINGS of every description, made to order at short notice.

[Jan. '56.]

GRAIN THRESHING MACHINES FOR 1857.

Secure a good one in time, and do not be satisfied with an inferior article, when the **VERY BEST KIND** now known can just as easily be had by sending in orders to us **EARLY IN THE SEASON**. The best machines are those which do most work and do it the best with the least power, and which are in their parts strong and durable and simple in their construction, will always be the cheapest in the end. There can be procured at our establishment until our stock on hand and capacity for manufacturing (which is very large) is exceeded by the demand, which has every season been the case after harvest—

MOFFITT'S IMPROVED.



PATENT SEPARATOR.

PITT'S PATENT.



SEPARATOR.

MANUFACTURED AT THE

HAMILTON AGRICULTURAL WORKS.

(TWENTY MILES NORTH OF CINCINNATI.)

WE wish to call attention to our facilities for furnishing these very desirable machines. Our Enlarged Establishment and improved Machinery, will enable us to supply a large demand, if orders are sent in early. The points in which we claim that our machines exceed others, are
 1st. Thoroughly threshing the grain all out without waste.
 2d. Separating and cleaning it thoroughly in condition for market.
 3d. Doing the largest amount of work with the least expense of time, labor and power.
 4th. Great simplicity and strength of construction, having less complicated machinery to get out of order, combined with the strongest and most durable materials for all the different parts, and the utmost perfection of workmanship.

Any of our machines can easily be hauled on a common two-horse wagon and kept on it when threshing, thus saving the labor of loading and unloading.

The Celebrated Moffitt Machine,

Of which we make the sizes for 4, 6, or 8 horses, has recently been much simplified and improved, and we can confidently offer them as not to be surpassed by any other machines, either by fast and clean threshing, light running and durability. The original machine, patented in 1852, has never been beaten in fair competition. In 1853, it bore off the prize at the Crystal Palace Fair in New York; at four State Fairs in Ohio it has taken the first premiums, and last year it was awarded the first premium by the Agricultural and Mechanical Association of Kentucky at their fair.

THE

Pitt's Patent Thresher and Separator.

Of which we make two sizes, for 8 or 10 horses, is too well known to need much notice. It was the first machine invented which succeeded well in threshing and cleaning at one operation, and it is more generally known than any other machine in use. It has taken first premiums at many of the State fairs of New York and Ohio and other States, and last year it was awarded the highest prize at the Industrial Fair of all Nations, at Paris.

The machines we shall make we guarantee to be fully equal, and in many respects superior, to those manufactured at any other establishment in the country.

The Morse Powers furnished with our machines are the celebrated Double Pinion Powers, being the strongest, most light running and durable in use. Extra wagons, straw stackers, chaff stackers, &c., will be furnished at the lowest rates, when desired.

With the different sizes of these two justly celebrated machines to offer our our customers, we can defy the world to beat us in competition. Our establishment is well located, 20 miles north of Cincinnati, on the Hamilton and Dayton Railroad, convenient to ship on the Ohio river and on all the leading thoroughfares West or South. We also manufacture

MILL GEARING

And Machinery of various kinds, for Paper, Flouring or Saw Mills, also Parker and other Reaction Water Wheels.

Circular giving full descriptions, with lists of prices, sent to persons addressing us at

HAMILTON, Butler county, Ohio.

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OWENS, LANE & DYER.

JAS. B. CHADWICK, Agent at St. Louis, Mo., No. 175 and 177 Main street.

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FIRST PREMIUM AND DIPLOMA AWARDED BY THE LATE

MISSISSIPPI VALLEY FAIR.

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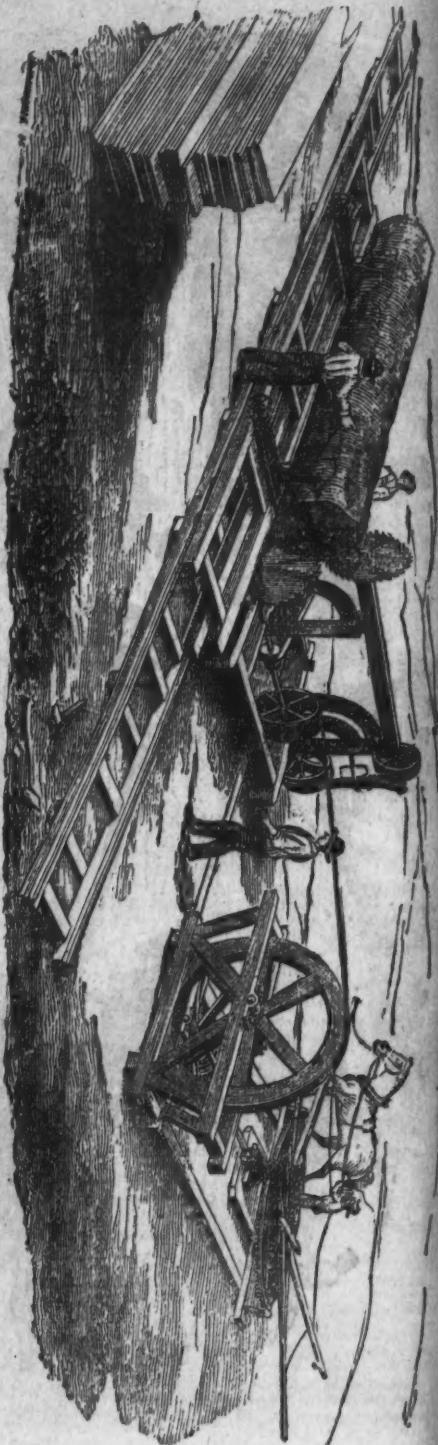
COX & ROBERT'S PATENT THRESHER AND CLEANER!

The sales of these Machines last year, was double that of any preceding one, and it was with great difficulty that the demand could be supplied. From our increased facilities in manufacturing, and the care taken in selecting materials, we are now able to offer them to the public as the best Machine made for the farmer. They thresh and clean the grain ready for market, and are considered by those having them in use to be the most simple, cheap and durable offered for sale.

Our Lever Powers are an improvement on any now in use, being extremely simple and perfect. The Endless Chain or Railroad Horse Power is very durable—wrought iron links being used instead of cast iron, consequently are not liable to break or wear out. Any further information cheerfully given.

March 1st.

KINGSLANDS & FERGUSON,
Corner of Second and Cherry streets, St. Louis, Mo.



WHITLEY'S PATENT PORTABLE DOUBLE CIRCULAR SAW MILL.

PATENTED MARCH 4, 1856.

MANUFACTURED BY CLARK, AVERY & VOORHIES.

AT THE PEOPLE'S IRON WORKS,

Main street, between Florida and Mulamphy streets, North of the Shot Tower, St. Louis, Mo.

The Simplicity, Cheapness, Durability, Strength and Easy Management of this Mill, makes it the best now in use. A glance at its combined improvements cannot fail to convince every person of the superiority over any other for making lumber. It is constructed with two Saws, one above the other, and in line with each other, so as to assist in cutting off the slab, swell, butts and knots, and splitting large logs. The top saw can be moved on the arbor, so as to cut two planks with one run of the carriage, and in cutting fencing it will cut from two to eight boards with the two saws. The after end of the two saw shafts are connected by an arm, which acts as a grid for both shafts, and serves for their adjustments, so as to have complete control of the saws whilst running, and keeping them true with each other whilst cutting. It is capable of sawing 1000 feet per hour, and will work without sawing crooked, in all kinds of timber.

We warrant the Mills to perform in every respect as represented. One of these Mills can be seen in operation at the PEOPLE'S IRON WORKS, where the public are invited to examine for themselves, and any information respecting them will be cheerfully given on application to our Agents, Wm. M. PLANT & CO., No. 14 North Main street, or to ISAAC L. GARRISON, President of the Home Mutual Insurance Company, corner of Main and Vine streets.

Horse Powers and Steam Engines furnished with the Mills at short notice and upon satisfactory terms.

CLARK, AVERY & VOORHIES.

St. Louis, Saturday, 1856.

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ADVERTISEMENTS

To secure insertion in the Valley Farmer, must be received in our office, as early as the 15th of the previous month. See terms.

**PENNOCK'S PATENT
Wheat Drill!**



The attention of the Wheat Growers of the West is respectfully solicited to this most valuable agricultural implement. This machine is known as the best Planter that has yet been in use.

It is not injured by coming in contact with rocks, roots, &c.

It will save from 40 to 60 per cent labor.

It will plant from ten to twelve acres per day of wheat, oats or barley.

It will save from one to two pecks of seed per acre.

It causes a yield of from three to eight bushels of wheat more to the acre over the old method of sowing, which difference is produced by distributing the grain uniformly at any desired depth; and having a ridge of soil between the rows, the roots of the plants are thereby protected in winter, instead of being thrown out, as in broadcast. No harrowing is needed after this machine, as it completes the work at once. It is so simple that any farm hand can use it.

Manufactured by TERRELL & BUCHANAN, corner of Franklin Avenue and 20th street, St. Louis.

Price \$80 cash, or \$85 on six months time.

Messrs. Terrell & Buchanan—

We own a Wheat Drill of Pennock's patent, and are entirely satisfied with it. We believe that small grain of every kind does better. The land produces more per acre and is less subject to disasters, particularly the rust, and not so apt to tangle by the wind. We believe the Drill among the most important inventions.

Howard county, Mo.

W. H. ELOIN.

Messrs. Terrell & Buchanan—

I have put in three crops of wheat with Pennock's Drill. It is the best labor-saving machine I have seen used, of any kind. It is durable and does its work well. No improvement that I have seen used on the farm, is more durable and less liable to get out of repair. The wheat put in with the Drill will stand the winter better, and I believe it will yield from 10 to 20 per cent more.

Fayette, Mo.

W. M. JACKSON.

Messrs. Terrell & Buchanan—

I used Pennock's Drill last fall, and take pleasure in saying that I much prefer the Drill to broadcast sowing. I put in 90 acres of wheat with the Drill. It being a new thing in my neighborhood, I concluded I would not risk the whole field, but would divide it equally, sowing alternately, 20 acres broadcast, and 10 with the Drill; 10 acres broadcast and 25 with the Drill, and 25 broadcast, all on the same kind of land and in the same condition. The Drilled wheat looks well and will make a crop, but the broadcast in many places does not show any wheat, and I had to plow up almost the entire broadcast sowing.

T. J. THOMPSON.

St. Louis county, June 9th, 1857.

I hereby certify that I have used Pennock's Wheat Drill (manufactured by Messrs. Terrell & Buchanan, in the city of St. Louis,) to put in my last crop of wheat,

and I must say that the Drill performed well, and the wheat was not winter-killed, as was the case with the most of the broadcast sowing.

JAS. S. QUISENDERRY.

Fee Fee, Mo., June 6th, 1857.

Having used and tested Pennock's patent Wheat Drill we are satisfied it saves in labor and seed one-third, and puts the grain in a much better condition to withstand the casualties of winter than broadcast sowing. We are satisfied of that fact by the appearance of our present growing crop, drilled on old land.

S. M. BAKER.

IRAH H. ELLIS.

Montgomery Co., Mo., May 24th, 1857.

NURSERY FOR SALE.

STEWART & SONS NURSERY.



The firm of Stewart & Sons having dissolved partnership now offer for sale their Nursery and Nursery grounds, near Hannibal. The Nursery is young and in a prosperous condition. The location is one of the best in the State, being two miles West of Hannibal, on the Hannibal and St. Joseph Railroad and at the junction of two plank roads, the main traveled roads through the country. There is growing on the grounds over One Hundred and Sixty Thousand Trees, the most of which will be three and four years old next spring. The business is large and rapidly increasing and no competition. We offer to sell low. For further particulars address,

W. M. STEWART & SONS.

Hannibal, Mo.

EVERY MAN HIS OWN ARCHITECT.

The way to build a country House is to get
RICH'S AMERICAN ARCHITECT.

Price \$6. Published by C. M. SAXTON & CO.,

140 Fulton street, New York.

RURAL ARCHITECTURE. By L. F. Allen. Embracing Out Buildings as well as Cottages and Farm Houses. Price \$1 25. At SAXTON'S, N. Y.

Lay out your Grounds by DOWNING'S LANDSCAPE GARDENING. Price \$3 50. Published by

C. M. SAXTON & CO., 140 Fulton st., N. Y.

POULTRY—Look out for your Chickens, and the way to do that is told plainly in

THE AMERICAN POULTRY YARD.

Price \$1. Published by C. M. SAXTON & CO.,
140 Fulton street, New York.

Put up good Green Houses this Summer, and be ready for Winter.

LEUCHAR'S HOW TO BUILD

Gives full directions. Price \$1 25. To be found at

SAXTON & CO'S, No. 140 Fulton street, N. Y.

Send free of postage on receipt of price. It.

LATOURETTE & WYMAN,

MANUFACTURERS OF

LINSEED AND CASTOR OILS.

OFFICE AND WORKS, Corner of Second & Columbia Sts.

SAINT LOUIS, MISSOURI.

Cash paid for Flaxseed and Castor Beans.

ST. LOUIS AGRICULTURAL WORKS, WAREHOUSE AND SEED STORE.

ESTABLISHED 1845, BY WM. M. PLANT.

CLARK, PLANT & NORRIS, (SUCCESSORS TO WM. M. PLANT & CO.,)

MANUFACTURERS OF AND WHOLESALE AND RETAIL DEALERS IN

**Agricultural Machines and Tools,
IN ENDLESS VARIETY; ALSO**

GARDEN, GRASS AND OTHER SEEDS.

 SIGN OF THE GILT PLOW.

No. 14 North Main Street, between Market and Chesnut streets,
ALSO, NO. 203, NORTH FOURTH ST., OR 218, BROADWAY,

between Morgan Street and Franklin Avenue.

MANUFACTORY, NORTHWEST CORNER OF MAIN AND BIDDLE.

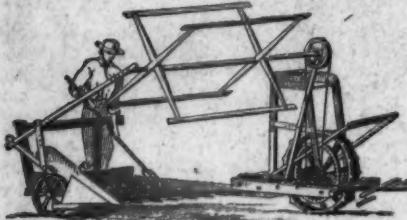
ROLLIN CLARK,
WM. M. PLANT,

St. Louis, Mo.

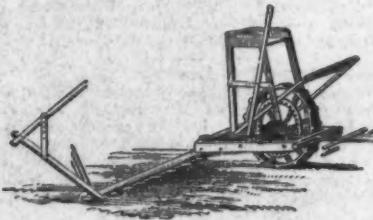
{ A. B. NORRIS,
J. F. SMITH,

READ'S COMBINED REAPER AND MOWER,

This is the most Complete and Simple Combined Machine yet offered to the Public.
Over Four Hundred have been sold, and given perfect satisfaction.



READ'S REAPER.



READ'S MOWER.

DESCRIPTIVE CIRCULARS WITH WARRANTY FURNISHED GRATIS TO APPLICANTS.
PRICE \$140 00.

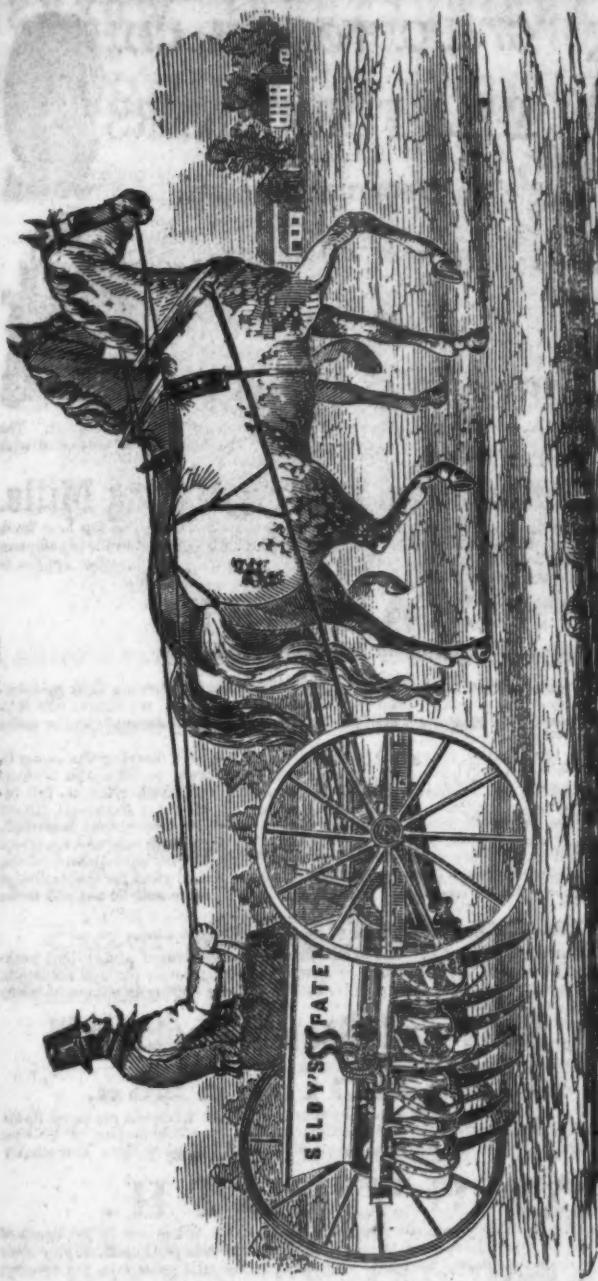
LEVER & RAILROAD HORSE POWERS	AGRICULTURAL BOOKS,
THRESHERS with SEPARATORS,	TIMOTHY SEED,
THRESHERS with CLEANERS.	CLOVER "
MOWERS and REAPERS,	RED TOP "
STRAW and HAY CUTTERS,	BLUE GRASS "
CORN SHELLERS,	HEMP "
PLOWS, HARROWS,	MILLET "
CULTIVATORS,	CANARY "
CORN DRILLS and PLANTERS,	GARDEN and FLOWER SEEDS,
FAN MILLS,	BIRD CAGES, &c.

CHINESE SUGAR CANE AND CHINESE HEMP SEED.

 Our Descriptive Catalogue furnished gratis on application at warehouses, or by mail, when five cents are sent to prepay the postage.

CLARK, PLANT & NORRIS.

We
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MOFFITT'S

Thresher and Cleaner with Horse Power.

We have made arrangements to manufacture this deservedly popular Thresher, and shall be prepared shortly to fill all orders for the same. Descriptive Circulars furnished gratis.

Price of Eight Horse Power with Thresher and Cleaner complete, \$375. Terms—half cash, balance 4 months approved note, or 5 per cent discount for cash on delivery.

CLARK, PLANT & NORRIS.

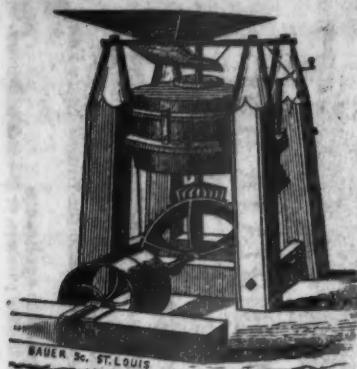
SELBY'S PATENT WHEAT DRILL AND BROADCAST SEED SOWER!

MANUFACTURED BY CLARK, PLANT & NORRIS, ST. LOUIS, MO.

Owning the exclusive right for the manufacture of this superior Drill for Missouri, Arkansas, Texas, Louisiana, Mississippi, Tennessee, Kentucky, Nebraska and Kansas Territories; also having the right to sell in any of the States and territories, we are now manufacturing 500 for the fall sales of 1857, and would advise all who are in want of a first-rate Drill to order early to insure being supplied.

This Drill took the First Premium and Diplomas at the St. Louis Agricultural and Mechanical Association, and the Illinois State Fair, in the fall of 1856, and all the fairs where exhibited.

Descriptive Circulars, showing the advantages to be gained in drilling all small grain, furnished gratis to applicants. Price of Drill complete, with Seed Sower attached, \$90. Terms, half cash, balance approved note, due 1st Jan. Following purchase, or \$85 cash on delivery.



G. & C. TODD & CO., MILL FURNISHERS

NO. 12 NORTH MAIN STREET,

Corner of Morgan street,

SAINT LOUIS, MO.



TODD'S IRON BACK MILLS.

The construction of this Mill is simple and very durable. There is no complication in any part of it. The Stones are adjusted and operated in the same manner as in ordinary flour mills. The Mill can be entrusted with safety to the charge of any careful hand, and cannot fail to give entire satisfaction.

Todd's Improved Pressure and Self-regulating Mills.

These Mills are in extensive use, and are highly commended. Their construction is the same as the Iron Back Mills, differing only in the substitution of Pressure for weight of Runner. The weight of the Runner is sufficient for ordinary grinding, say from six to eight bushels per hour. When desired to do more, the Pressure applies to the extent required for the increased feed. It graduates and applies itself.

TODD'S CHALLENGE.

Seimer's Patent, 1856. Largest Size Three Feet.

The under Stone of this Mill revolves.

For more than fifteen years we have been engaged in manufacturing these Mills, closely observing their performance, with a view to making such improvements as our experience might suggest. And now, we believe our Mill is the best of the kind in use. They are made with great care, and the distribution of metal throughout the whole arrangement is made with a view to strength and durability.

The principal objection to mills with the under stone for runner, is, First, the difficulty of keeping the stones in TRAM. Second, the stones being confined between unyielding points, rendering it difficult to discharge, without risk of breaking, harder substances than grain; for instance, nails, &c., that might, and which often do, fall between the stones. The first, we have overcome by a simple arrangement of adjusting screws at four equi-distant points in the bed plate, and corresponding screws in the upper rim of the frame in which the upper stone is secured. The screws are convenient of access, and the stones can be brought to a true level or TRAM with ease and accuracy. The second and most serious objection is obviated by the application of Elastic Springs at four equi-distant points, so arranged as to receive the entire resistance of the stones in their grinding operation, and to yield for the discharge of hard substances with facility, and without risk to the mill. These springs are durable and do not add to the complication of the machinery.

BELTING.

For four years we have been manufacturing this article. One of the firm is an experienced and skilful workman, who gives his personal attention and labor to this department; every foot of belting passes through his hands, and if not suitable is condemned. Our machinery is of the most approved kind, and our leather is tanned in whole hides, selected expressly with reference to its fitness for belting.

Rubber Belting Hose and Steam Packing.

We are the only agents of the Boston Belting Company in this city, for the sale of these goods.

French Burr Mill Stones.

To this department of our business we have been to great expense in obtaining the best material produced by the quarries in France. Our stock is selected at the quarries, by one of the firm, who spends a portion of his time there. In selecting for our Portable Grain Mills the best article is obtained without regard to cost. Our stock is always large.

BOLTING CLOTH.

This article, so difficult to obtain of superior quality, is made expressly for us. Our orders are in the hands of the manufacturers a year in advance, that they may have time to select the best material (Silk) and employ their most skilful workmen, that they may produce the quality we want. We refer to the mill owners in the country, and especially in this city, respecting this article.

PRICES OF CHALLENGE AND GRAIN MILLS.			PRICES OF PRESSURE MILLS.		
20 inch Pully Mill.....	\$150	—Geared.....	\$165	2 feet, with Pully,.....	\$145
24 " " "	165	"	200	2 1/2 " " "	185
28 " " "	200	"	225	3 " " "	235
30 " " "	225	"	250		
36 " " "	275	"	310	3 1/2 feet Mills, heavy Runner, Pinley, \$300	—Geared \$350

PRICES OF IRON BACK MILLS.

2 feet Grain Mill, with Pully, \$135	—Geared, \$160	2 1/2 feet Grain Mill with Pully, \$175	—Geared, \$200
3 feet, with pulley, 225	—Geared, \$265		

Terms for Small Mills, 4 months City acceptance, or 5 per cent discount for cash.

CHICAGO AGRICULTURAL WORKS, WAREHOUSE AND SEED STORE,

NO. 204 LAKE STREET, CHICAGO, ILL.



EMERY'S PATENT CHANGEABLE RAILROAD HORSE POWERS, THRESHERS AND SEPARATORS, AND THRESHERS AND WINNOWERS.

Circular & Cross Cut Saw Mills;

PORTABLE GRAIN AND GRIST MILLS;

FELTON'S PATENT GRAIN AND FEED MILL;

GRAIN DRILLS, SEYMOUR'S, PENNOCK'S, MOORE'S, &c.

WHEEL CULTIVATORS, Ides', Rogers' and others.

CLOVER HULLERS, CRAWFORD'S PATENT;

DO DG MANFIELD'S DO

Cider Mills, Emery's and Hickok's:

HARROWS,		GEDDES' AND SCOTCH,
CORN SHELLERS		SMITH'S PATENT POWER SHELLER,
DO DO		READING'S DO DO DO
DO DO		ALL VARIETIES OF HAND DO
PANNING MILLS		MONTGOMERY FAN,
DD DO		GRANT'S PATENT, Six Sizes:
DO DO		EAGLE FAN.

HAY AND STRAW CUTTERS, A LARGE ASSORTMENT.

PLOWS

BREAKING AND STIRRING.

With a full assortment of

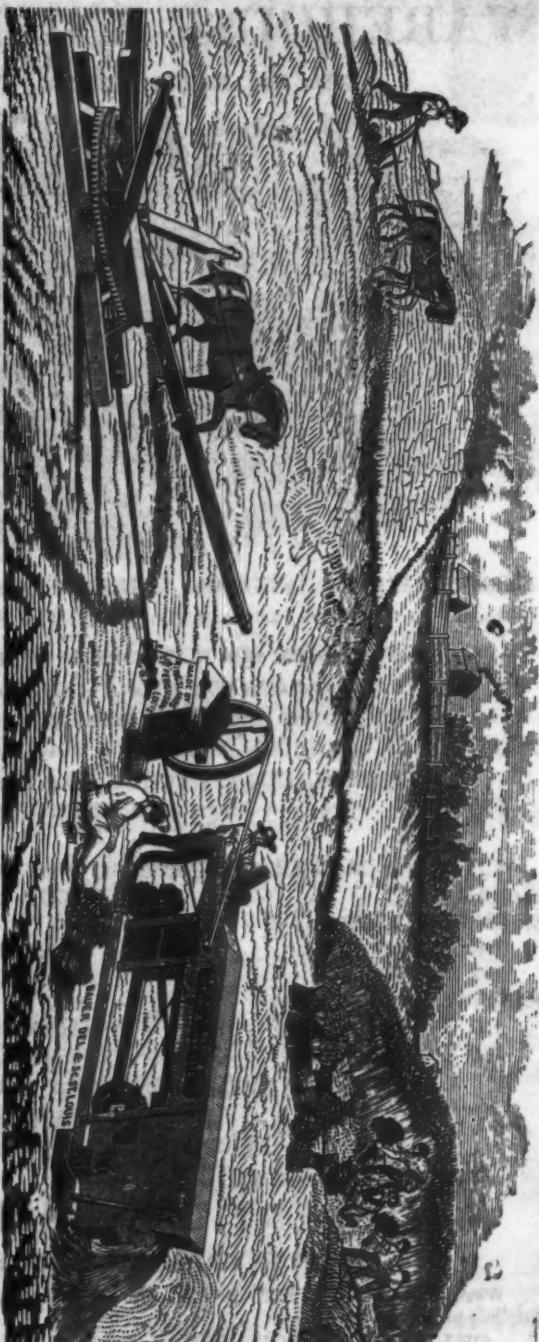
MACHINERY, AND IMPLEMENTS, &c.,

SEEDS, GRAIN, &c.

Wheat, Rye, &c., for Fall Sowing. Clover, Timothy, Blue Grass, Red Top, &c., &c.,
For Sale at

CHICAGO AGRICULTURAL WAREHOUSE AND SEED STORE,
204 LAKE STREET, CHICAGO, ILLINOIS.

HENRY D. EMERY & CO.



FIRST PREMIUM AND DIPLOMA AWARDED BY THE LATE
MISSISSIPPI VALLEY FAIR.

TO

COX & ROBERT'S PATENT THRESHER AND CLEANER!

The sales of these Machines last year, was double that of any preceding one, and it was with great difficulty that the demand could be supplied. From our increased facilities in manufacturing, and the care taken in selecting materials, we are now able to offer them to the public as the best Machine made for the farmer. They thresh and clean the grain ready for market, and are considered by those having them in use to be the most *simple, cheap and durable* offered for sale.

Our Lever Powers are an improvement on any now in use, being extremely simple and portable. The Endless Chain or Railroad Horse Power is very durable—wrought iron links being used instead of cast iron, consequently are not liable to break or wear out. ^(P) Any further information cheerfully given.

KINGSLANDS & FERGUSON,
 Corner of Second and Cherry streets, St. Louis, Mo.

**SOUTH-WESTERN
SEED AND AGRICULTURAL WAREHOUSE,
PITKIN BROTHERS,
NO. 515 Main Street,
LOUISVILLE, KENTUCKY,**

KENTUCKY BLUE GRASS SEED.—We are prepared to furnish, in any quantity, Fresh and Genuine Blue Grass Seed, separated from the stem in a superior manner by a new process, which divests it of much of the chaff, and enables a given quantity to cover nearly three times as much ground as the seed usually sold in market.

OSAGE ORANGE SEED.—We are the largest dealers in the United States, in Osage Orange Seed. One of our firm devotes his whole time and attention to this particular branch of our business, and we presume "*Pitkin's Osage Orange Seed*" is too well known to need further comment. Pamphlets, giving all necessary information respecting planting the seed and growing the hedge, furnished to all applicants.

GARDEN SEEDS.—We are prepared to furnish Genuine Garden Seeds, of the growth of 1856, by the pound or by the single paper, or neatly packed in boxes, containing 100 or 200 papers each. A liberal discount made to dealers.

List of Seeds, &c., which we Deal in largely:

**KENTUCKY BLUE GRASS,
ORCHARD GRASS,
RED TOP, or Herd Grass,
TIMOTHY,
CLOVER,**

**OSAGE ORANGE,
MILLET,
HEMP,
CANARY,
TOP ONIONS.**

Our Stock of Implements Consists in Part of

**HORSE POWERS,
THRESHING MACHINES,
MOWERS and REAPERS,
STRAW CUTTERS,
CORN SHELLERS,
WHEAT FANS,
CORN PLANTERS,
GRAIN DRILLS,
CHAIN PUMPS.**

**CORN MILLS,
CORN and COB CRUSHERS,
AGRICULTURAL FURNACES,
MEAT CUTTERS,
SAUSAGE STUFFERS,
PLOWS, all sorts,
HARROWS,
CULTIVATORS,
WHEELBARROWS, &c., &c.**

We are also agents for the sale of the celebrated

"LOUISVILLE HYDRAULIC CEMENT or WATER LIME."

Also on hand and for sale, WHITE SAND, CALCINED PLASTER, AGRICULTURAL PLASTER, WHITE LIME.

Pitkin Brothers,

 **SIGERSON'
NURSERY.** 

The proprietors of this NURSERY, situated a short distance South of St. Louis, Mo., are prepared to furnish from their establishment a more extensive and better selected stock of

Fruit, Shade, Ornamental Trees and Shrubbery, than they have ever heretofore been able to supply, and feel no hesitation in saying that scarcely a demand can be made on them which they cannot supply of the finest quality of Trees, Shrubs and Plants, to enumerate which, would require a much larger space than could be allowed to advertisers, and therefore invite all in want of a supply, to forward their orders for Catalogues and Bills of Prices, which will be forwarded promptly to all postpaid applicants.

Parties intending to procure trees the coming Spring should send their orders forward as early as possible, so as to enable the proprietors to fill and deliver them at the earliest possible time in the spring.

All communications should be addressed to
JOHN SIGERSON & BRO.,

NURSERY.

JULIUS MALLINGKRODT, near Augusta, a Port on the Missouri River, St. Charles Co., Mo., has a large supply of Fruit Trees and Plants, for sale this season 1856-'57, consisting of

Winter Apples,	Peaches,	Apricots,
Fall do	Cherries,	Plums,
Summer do	Pears,	Catalpas, &c.

Agency in St. Louis at the

MISSOURI SEED STORE AND AGRICULTURAL WAREHOUSE,
J. & A. LARGUE,
No. 4, North Main Street.

The Oriental Horse Charmer.

This valuable little Work on Raising, Breaking Training, Riding, Driving, Stabling, Feeding and Doctoring Horses, is daily being mailed to applicants in all parts of the United States. Send on your quarter for one, or \$1 for six copies, and you are sure to get it by return mail. Books on this subject containing no more, have been sold and are now selling for \$5 to \$10.

Address C. J. ELDREDGE, south-east corner of Third and Sycamore streets, Cincinnati, Ohio. **no.t.**

LITTLE GIANT CORN AND COB MILL AND Agricultural Implement Warehouse,

175 and 177 MAIN STREET, opposite the Virginia Hotel.

SAINT LOUIS, MO.

JAMES B. CHADWICK



EMERY'S PATENT Changeable Railroad Horse Power THRESHER, SEPARATOR SAW, &c.

The subscriber is now sole agent for the above celebrated Machines in St. Louis, to whom application should be made by parties wishing the GENUINE article. Persons living on or near the rivers convenient to St. Louis, or any Railroad leading from the latter place, can always be supplied on more favorable terms here than elsewhere.

A Circular containing price and description will be forwarded gratis to applicants by

JAMES B. CHADWICK.

CHINESE SUGAR CANE.—A Circular of Instruction for Choice of Ground, Time and Mode of Planting, Cultivating, and Stripping the Chinese Cane, will be forwarded gratuitously to all applicants, by

Little Giant and Agricultural Implement Warehouse, 175 and 177 Main street, St. Louis.

Dr. Urban's Inebriates's Hope.
A cure for Intemperance, Delirium Tremens, and Neuralgia. One package will cure an ordinary case of intemperance; two packages will cure the most inveterate drunkard of all desire for alcoholic drinks. \$1 50 enclosed by mail to Raymond & Patton, 74 Fourth street, Louisville, Ky., will insure the return by mail of one package, four packages for \$5, postage free. Explanatory circulars, together with prominent references in all parts of the Union, sent gratis on application as above.

LIFE ILLUSTRATED IS AN ELEGANT QUARTO of eight beautiful pages—a trifle larger than the "Illustrated London News"—a perfect model of excellences in size, shape, and sentiment, and is, altogether, one of the most sound and sensible of live papers. Men like it, women like it, boys like it, girls like it, the old folks like it, young folks like it, the children like it, and the rest of the folks can't keep house without LIFE ILLUSTRATED. No plantation should be without it. Only \$2 a year, \$1 for half a year, and on trial three months for 26 cents. Address FOWLER & WELLS,

308 Broadway, New York.

LIFE ILLUSTRATED is marked by taste and beauty, and we have no doubt it will be the best paper of the kind published in New York.—[Corner Stone, Columbus, Ga.] We can commend it to the patronage of our friends. It is filled with excellent reading, well arranged, with everything under an appropriate head.—[Auburn (Ala.) Gazette.

THE POETRY OF PHYSIC.

AYER'S PILLS glide sugar-coated over the palate, but their energy, although wrapped up, is THERE, and tells with giant force on the very foundation of disease. There are thousands of sufferers who would not wear their distempers if they knew they could be cured for 25 cts. Try Ayer's Pills, and you will know it.

Purify the blood and disease will starve out. Cleanse the system from impurities and you are cured already.

Take this best of all purgatives, and Serofula, Indigestion, Weakness, Headache, Backache, Sidesache, Jaundice, Rheumatism, derangements of the Liver, Kidneys and Bowels, all derangements and all diseases which a purgative remedy can reach, fly before them like darkness before the sun.

Reader, if you are suffering from any of the numerous complaints they cure—suffer no more—the remedy has been provided for you, and it is criminal to neglect it.

That Ayer's Cherry Pectoral is the best medicine for a Cough, is known to the whole world, and that Ayer's Pills are the best of all Pills, is known to those who have used them.

Prepared by JAMES C. AYER, Practical and Analytical Chemist, Lowell, Mass.—And sold by BERNARD, ADAMS & Co., St. Louis, and all druggists.

MEN, WOMEN AND CHILDREN WHO READ LIFE ILLUSTRATED, pronounce it the best Family paper now published. \$2 a year, one for half a year, and, "just to try it," only 25 cents for three months. Inclose the amount, and direct to **FOWLER & WELLS**, New York.

The Savannah "Democrat" says: "We regard it as one of the very best weekly papers in the world." The Alabama "Beacon" says: "If there is one newspaper within our knowledge which we can safely recommend to the general reader, it is Life Illustrated. It has served up weekly an amount of reading matter which you seldom get for the price, which is neither too light nor too serious, but is at once logical, literary and life-like; pungent, practical, and progressive; enlivening, eloquent and ennobling. In short, it seems to be the object of Life Illustrated to spread sunshine, happiness, and useful information everywhere. Try it."

PETER & BUCHANAN,
(Successors to Munn & Buchanan.)

DEALERS IN
HORSE POWERS, THRESHING MACHINES, & FARM IMPLEMENTS
OF ALL KINDS.

Garden and Grass Seeds, Lime, Hydraulic Cement, Plaster, Potatoes, Apples and Fruits,
CHAIN PUMPS AND PUMP FIXTURES,
484 MAIN STREET,
Louisville, Kentucky.

For Harvest of 1857.

Manny's Improved Reaper and Mower, two horses, \$150
Kentucky Harvester for Reaping and Mowing,..... 160
New York Hand Raking Reaper (reaping only)..... 135
New York Self-Raking Reaper (reaping only)..... 155
Hussey's Improved Mower, (mowing only)..... 120
Rallison's 8 horse Thresher and Cleaner, complete... 310
Ohio 4 Horse Thresher, Separator and Stackers..... 180
Ohio 4 Horse Thresher, complete..... 135
Emery's 2 Horse Railroad Power and Thresher..... 175
Emery's One Horse Railroad Power and Thresher... 150
Horse Powers or Threshers furnished separately.

All letters of enquiry promptly answered.

PETER & BUCHANAN,
6. 31. 484 Main street, Louisville, Ky.

LIFE ILLUSTRATED is a FIRST CLASS PICTORIAL Weekly Journal, devoted to Entertainment, Improvement and Progress, designed to encourage a spirit of Hope, Manliness, Self-reliance, and Activity; to illustrate life in all its phases. A high-toned Pictorial Weekly Paper, which ought to be read in every family. Published at \$2 a year, \$1 for one-half a year, and to Clubs of Four, three months for One Dollar. Try it.

Address **FOWLER & WELLS**, 308 Broadway, N. Y.

The **Panama STAR** says: "LIFE ILLUSTRATED is one of the best papers published in the United States. We know of no more instructive and interesting publication for family reading. Young and old, parents and children, high and low, rich and poor, will find something to suit them in its columns."

"TWENTY-FIVE CENTS" PAYS FOR THAT GREAT and good Illustrated Family Paper, **LIFE ILLUSTRATED**—the best of all the Weeklies, three months "on trial" for 25 cents. Send at once to **FOWLER & WELLS**, 308 Broadway, New York.

LIFE ILLUSTRATED.—We have previously called attention to this excellent publication; it is worth far more to any family than any other literary paper. Instead of diminishing, it increases in interest with every issue, and we most cheerfully recommend it to the public as one of the best family newspaper in the country.—(Southern Teacher.)

NEW SEED AND AGRICULTURAL WAREHOUSE.

On Sixth street, between Main & Market sts.

LOUISVILLE, KY.



In addition to the manufacture and sale of **MANNY'S IMPROVED PATENT COMBINED MOWING AND REAPING MACHINES**, at my old stand on Sixth street near Main, I have opened a general

Seed and Agricultural Warehouse,

where may be found all the articles usually kept in similar establishments, consisting in part of the following: Manny's Combined Mowing and Reaping Machines, with all the improvements; Horse Powers and Threshers, Straw Cutters, Corn Shellers, Wheat Fans, Clover Mills, Plows of various kinds, Harrows, Cultivators, Horse Rakes, &c., &c. Also Scott & Hedges' Little Giant Corn and Cob Mills of the various sizes, and also their new Patent Steam Boilers.

SEEDS,

I have also a complete assortment of fresh and genuine Garden Seeds, at retail or by the box, at a liberal discount to merchants. Also Grass Seeds, embracing Clover, Orchard Grass, Timothy, Red Top and Millet Seed: Also Kentucky Blue Grass, Cleaned in a superior manner: Chinese Hemp Seed, Osage Orange Seed, Osage Orange plants, &c., &c.

Also FRUIT TREES; Brooks' New Seedling Strawberry Plants. Chinese Sugar Cane Seed sent in packages by mail.

H. B. HOWARD.

SIGERSON'S

SEED STORE & AGRICULTURAL WAREHOUSE,

Corner of Broadway and Wash Streets, St. Louis. THE undersigned beg leave to acquaint their numerous customers in the West, that they will have for sale this spring, the largest and best selected stock of

Field, Garden and Flower Seeds, over offered for sale in this market; and to which will be added a large and complete stock of

AGRICULTURAL IMPLEMENTS, Embracing every conceivable variety likely to be wanted by Farmers and Gardeners. They pledge themselves that their stock for the Spring has been selected from the most reliable manufacturers in the East, and with unusual care.

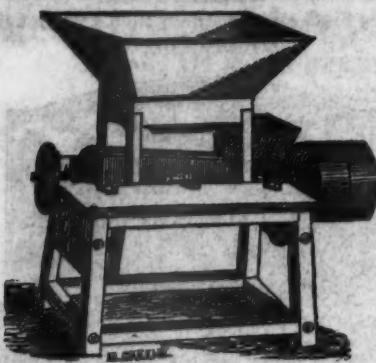
They flatter themselves that their experience in Agriculture and Horticulture, has enabled them to make such selections as will give the most entire satisfaction to their customers. JOHN SIGERSON & BRO.

Agricultural and Horticultural Books.

THE undersigned take pleasure in stating to their former patrons and the public generally, that they have now on the way from the East, by Express, the most full, complete, and best selected stock of Agricultural Books ever offered in the West. A Descriptive Catalogue of Agricultural Implements, Field, Garden, Flower seeds, Agricultural and Horticultural Books, &c., will be forthcoming in a few days, and will be furnished to all post paid applicants free of charge.

JOHN SIGERSON & BRO.
Corner of Broadway and Wash sts., St. Louis, Mo.

PREMIUM MILL:



FELTON'S
Self-Sharpening Portable Corn Meal,
Corn Cob and General Feed Mill.

This Mill was awarded the First Premium at the St. Louis Fair for the above kind of grinding. It can be run by any kind of horse, water or steam power practicably. The No. 3 Mill is capable of grinding from 16 to 25 bushels of superfine meal per hour, and from 20 to 40 of corn and cob and other feed per hour, with from 3 to 6 horse power. No. 2 will do one-half the above amount with half the power.

These Mills are very durable, and any inexperienced person can run them. They have been tested for over two years, and all are in perfect order yet, and giving the best of satisfaction. The metal being harder than tempered steel, and truly self-sharpening, makes it more durable than a dozen common iron mills; therefore they are much cheaper.

Persons wishing a mill for grinding all kinds of grain in a grit mill, or to attach to a saw mill, are requested to try one of the Felton Mills, as they are warranted to grind twice as fast as a burr stone with the same amount of power; and if the grinding surface should ever wear out we will replace them at one-fourth the expense of keeping a stone in order the length of time they run, therefore save time in dressing stone, and expense of keeping a practical miller.

Price of mills all complete ready to run, No. 2, \$150; No. 3, \$200. For sale by our agents, Wm. M. PLANT & CO., No. 14 North Main street, and H. C. HOUTS & CO., No. 21 Market street, and at our office, 122 Market street, St. Louis, Mo.

Do 56,1. LOOMIS, NICHOLS & CO., PROPRIETORS.

A Thorough Bred Durham Bull for Sale.

I having used my bull "Advance," (199) American Herd Book, I now offer him for sale. For pedigree see 199 Am. H. B.

For particulars apply to the undersigned by mail, at Vermont, Cooper county, Mo., or in person at his farm near the above place.
no. 4,8t.

E. N. WARFIELD.

CHINESE SUGAR CANE,

ITS HISTORY, CULTIVATION AND VALUE AS A Forage crop and for Syrup, together with Drawing and Description of a Mill for grinding the canes, with a description of the process of making Molasses and Sugar. Condensed and arranged from the most reliable sources, including all the important information on the subject. Price 12½ cents, or four postage stamps. Postage pre-paid. Address W. S. LUNT,
no. 441.
MAUMEE CITY, Ohio.

MANNY'S PATENT
REAPING & MOWING
MACHINES.

MANUFACTURED BY
KINGSLANDS & FERGUSON,
PHENIX FOUNDRY, St. Louis, Mo.

These machines will cut from TEN to FIFTEEN acres of Grain or Grass in a day, with two horses, and one hand while mowing, and two hands while reaping; will do the work as well as it can be done with a scythe or cradle.

They are recommended as being less difficult to manage, and as possessing more advantages than any other machine now made.

The cutting apparatus can be raised or lowered by means of a lever at the driver's seat, so as to cut from One Inch to Two Feet from the ground, while moving along. This is a decided advantage, avoiding the necessity of going around stumps, stones, or other obstructions, as the cutter can be raised so as to pass over any obstacle that is not higher than the axel, without stopping the machine.

It can be changed from a Reaper to a Mower, or from a Mower to a Reaper, IN ONE MINUTE.

It is a PERFECT MOWER and a PERFECT REAPER, and the ONLY successful Combined Reaper and Mower in the world.

Persons wanting machines for the coming season would do well to send in their orders soon, as last year the demand for them could not be supplied.

All orders addressed to the undersigned, will meet with prompt attention.
no. 5t.

KINGSLANDS & FERGUSON.

S. J. MITCHELL'S
PREMIUM LIGHTNING RODS.

These superior rods are of Carbonized Drawn Iron, with Electro positive elements combined in the manufacture, thus rendering them equal to copper as conductors. They are ten feet in length, with accurately fitted brass screw connecting joints, an entire new style of metallic attachments for brick or frame buildings; also, insulators of novel and ingenious construction. These insulators are three inches in diameter, and of sufficient strength to prevent the many accidents that occur from the use of the common small insulator. All insulators are marked in large letters, S. J. Mitchell. The whole mounted with a five prong copper point, tipped with platina, twelve inches long, which possesses the power to an extraordinary extent of discharging the opposite elements of the most fearful thunder storm, and embraces the entire perfection of science up to the present time, constituting the most magnificent and perfect SILENT CONDUCTOR ever presented to the public.

Merchants and dealers are requested to call and examine before purchasing elsewhere. All orders addressed to me through the Post-office, or left at the shop, on Twenty-first street, above Franklin Avenue, will be promptly attended to.
no. 5, tf.

S. J. MITCHELL, St. Louis.

PURE BRED STOCK FOR SALE.

Pure Bred Durham Cattle, French Sheep, Spanish Sheep, Suffolk and Essex Pigs, and Madagascar or Fancy lop-eared Rabbits.

Apply to JOHN S. GOH, near Tippecanoe P. O., four miles East of Brownsville, Fayette Co., Pennsylvania. Address me at either office.
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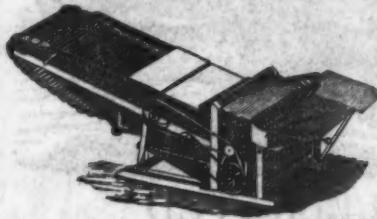
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no. 44.

GRAIN THRESHING MACHINES FOR 1857.

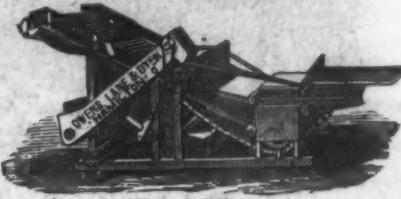
Secure a good one in time, and do not be satisfied with an inferior article, when the **VERY BEST KIND** now known can just as easily be had by sending in orders to us **EARLY IN THE SEASON**. The best machines are those which do most work and do it the best with the least power, and which are in their parts strong and durable and simple in their construction, will always be the cheapest in the end. There can be procured at our establishment until our stock on hand and capacity for manufacturing (which is very large) is exceeded by the demand, which has every season been the case after harvest—

MOFFITT'S IMPROVED



PATENT SEPARATOR.

PITT'S PATENT



SEPARATOR.

MANUFACTURED AT THE

HAMILTON AGRICULTURAL WORKS.

(TWENTY MILES NORTH OF CINCINNATI.)

WE wish to call attention to our facilities for furnishing these very desirable machines. Our Enlarged Establishment and improved Machinery, will enable us to supply a large demand, if orders are sent in early.

The points in which we claim that our machines excel others, are

- 1st. Thoroughly threshing the grain all out without waste.
- 2d. Separating and cleaning it thoroughly in condition for market.

- 3d. Doing the largest amount of work with the least expense of time, labor and power.

- 4th. Great simplicity and strength of construction, having less complicated machinery to get out of order, combined with the strongest and most durable materials for all the different parts, and the utmost perfection of workmanship.

Any of our machines can easily be hauled on a common two-horse wagon and kept on it when threshing, thus saving the labor of loading and unloading.

The Celebrated Moffitt Machine,

Of which we make the sizes for 4, 6, or 8 horses, has recently been much simplified and improved, and we can confidently offer them as not to be surpassed by any other machines, either by fast and clean threshing, light running and durability. The original machine, patented in 1852, has never been beaten in fair competition. In 1853, it bore off the prize at the Crystal Palace Fair in New York; at four State Fairs in Ohio it has taken the first premiums, and last year it was awarded the first premium by the Agricultural and Mechanical Association of Kentucky at their fair.

THE

Pitt's Patent Thresher and Separator.

Of which we make two sizes, for 8 or 10 horses, is too well known to need much notice. It was the first machine invented which succeeded well in threshing and cleaning at one operation, and it is more generally known than any other machine in use. It has taken first premiums at many of the State fairs of New York and Ohio and other States, and last year it was awarded the highest prize at the Industrial Fair of all Nations, at Paris.

The machines we shall make we guarantee to be fully equal, and in many respects superior, to those manufactured at any other establishment in the country.

The Horse Powers furnished with our machines are the celebrated Double Pinion Powers, being the strongest, most light running and durable in use. Extra wagons, straw stackers, chaff stackers, &c., will be furnished at the lowest rates, when desired.

With the different sizes of these two justly celebrated machines to offer our our customers, we can defy the world to beat us in competition. Our establishment is well located, 20 miles north of Cincinnati, on the Hamilton and Dayton Railroad, convenient to ship on the Ohio river and on all the leading thoroughfares West or South. We also manufacture

MILL GEARING

And Machinery of various kinds, for Paper, Flouring or Saw Mills, also Parker and other Reaction Water Wheels.

Circulars giving full descriptions, with lists of prices, sent to persons addressing us at

HAMILTON, Butler county, Ohio.

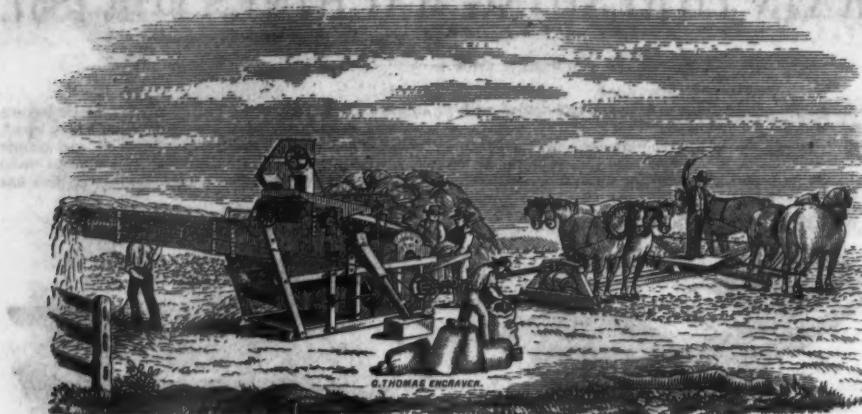
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OWEINS, LANE & DYER.

JAS. B. CHADWICK, Agent at St. Louis, Mo., No. 175 and 177 Main street.

1857

SOUTH-WESTERN AGRICULTURAL WORKS, LOUISVILLE, KENTUCKY.



RALSTON'S CELEBRATED THRESHER, SEPARATOR AND CLEANER.

The above engraving accurately represents these unrivaled machines, and we are now engaged in manufacturing them in the city of Louisville, Ky.

We claim for Ralston's Cleaner, the following advantages over all other machines of a similar character:

1st. It does up all the work by one operation, in the most desirable manner, thoroughly threshing out the wheat, whipping and shaking all the straw as it passes over the carrier, so as to shake out any loose grains carried in the straw.

2nd. It has two fans and two sets of riddles. The first blows out all the dirt and chaff, and separates the chaff, cobble, gravel, sand and small grass and weed seeds. The second separates the wheat with an additional shake and, blast, and delivers it well cleaned on either side of the machine, at a sufficient height from the ground to attach a grain bag, while the white caps are passed back to the feed board, to enter the thresher with fresh sheaves.

3d. The riddles are patented, and constructed of sheet iron, punched in such a manner as to allow the wheat and heavy substances to pass through, while the chaff, straw and threshed heads roll off without any possibility of choking them. Riddles constructed on any other plan will choke.

4th. The rope driving-belts, as well as the carrier-belts, are made of the best belting leather, which can be tightened or loosened in a moment by twisting or untwisting. These belts are more durable and less liable to get out of order than any other kind, while carriers formed of cast iron links are constantly liable to break and get out of order.

5th. Its durability and strength—being constructed of thoroughly seasoned wood, and the best quality of wrought and cast iron.

6th. Its ease of draft, and the amount of good work—greater than any other machine can be made to perform with the same power and number of hands.

7th. The ease with which it can be transported on common country wagons—three or four hands can load or unload in fifteen or twenty minutes. Directions for loading and unloading accompanying each machine.

8th. Our straw carriers are made of seasoned split hickory of the toughest quality, instead of turned ash, as many others, which are much more liable to break.

9th. The power is attached to the thresher by means of a tumbling shaft instead of a band, and this will be found a great advantage in all machines intended for threshing.

WARRANTEE.

In offering these machines to the public, we warrant every machine to be well made and to do good work to the satisfaction of the purchaser, or we will refund the money on return of the machine.

We make at present but one size of these Cleaners.

No. 1 Thresher, Separator and Cleaner, with power for eight horses, complete, \$310, delivered on steamboat or cars.

A liberal discount made to dealers. Orders from abroad promptly attended to.

MUNN & CO.

250 L.

SOUTH-WESTERN AGRICULTURAL WORKS. Louisville, Ky.

NEW
AGRICULTURAL
WAREHOUSE

LANDRETH'S
WARRANTED
GARDEN SEEDS

AND
SEED
STORE

DAVID LANDRETH,
WHOLESALE AND RETAIL DEALER IN
Garden, Grass and other Seeds.
MACHINE, AGRICULTURAL IMPLEMENT AND TOOL.
No. 18 South Main street,
SAINT LOUIS, MO.



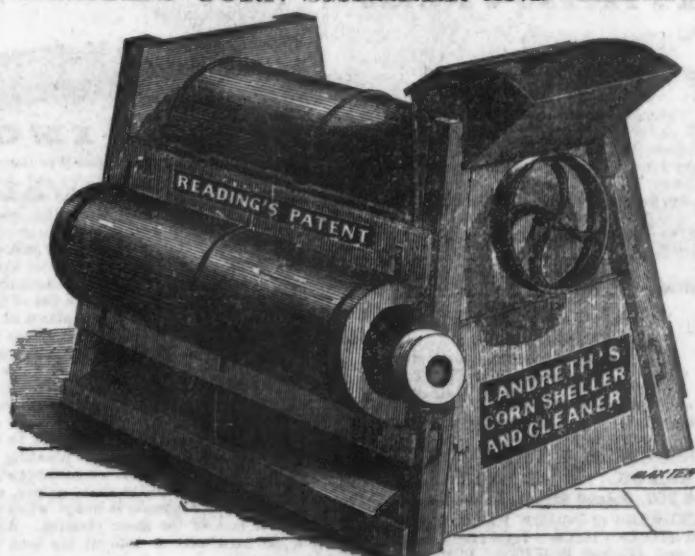
Manufactured at Landreth's Agricultural Works,
Bristol, Pa., and for sale in St. Louis, at his Ware-
house, only.

Farmers will take notice, this Sheller has Concave
Feeding Wheels and Bevelled Cogs, to prevent choking,
and are warranted superior to any other Hand Sheller
now in use.

Price \$28.00. A liberal discount to Wholesale Pur-
chasers. D. LANDRETH.

No. 18 South Main Street.

LANDRETH'S CORN SHELLER AND CLEANER



This machine is truly extraordinary in its power and capacity, and will unquestionably work an important
change in the cost of preparing corn for market; and it is by no means too much to say, will save the farmers of
the great corn producing States Tens of Thousands of Dollars yearly. With a new one horse tread power, One
Hundred and Forty bushels of Ears have been shelled within an hour, not as an experiment, but as ordinary
labor. For sale only at

LANDRETH'S AGRICULTURAL HOUSE.

Price with Fan.....\$75 00
" without Fan.....\$60 00

No. 18 South Main street, St. Louis, Mo.

[Ja.'58]

Hedge Fences the surest Protection of Golden Harvests—The Leading Improvement of a Fast Age!



LOGAN SLEEPER,
St. Louis, Mo.

W.M. M. LINDLY,
St. Jacobs, Ill.

SLEEPER & LINDLY

Will continue the business of

SETTING AND GROWING HEDGE FENCES.

We will give due attention personally, and by carefully appointed agencies, wherever can be had quantities to justify.

Having well matured our plans, and united permanently, we intend our performances shall be thorough and faithful, and insist upon being considered **RESPONSIBLE** and **ABIDING**. Our terms shall be reasonable and uniform. Please write us for circulars.

Particular attention given to the resuscitation and completion of old, neglected Hedges. Osage Orange Seed and Plants, good and fresh, always on hand in proper season. Printed instructions accompany them when desired.

[May 1857-3y.

WISNER'S PATENT WASHING



This Tub is easily worked, washes rapidly and well, and does not injure the fabric AS MUCH as hand rubbing. By its use every kind of wearing apparel, together with spreads, quilts and blankets, are easily and thoroughly cleansed, and the finest lace are washed without injury.

If you wish to lighten the labor and facilitate the process of washing, TRY ONE OF THESE TUBS.

County rights for sale.

For sale by T. M. EASTERLY,
Daguerrean, 71 S. E. cor. Fourth and Olive sts.
S. S. BRAINERD,
No. 108 North Fourth street.
JOHN J. LOCKE,
No. 105 North Fourth street.
WARNE, CHERVER & CO.,
No. 29 Main street.

GEORGE KINGSLAND,

LE ROY KINGSLAND,

DAVID K. FERGUSON:

KINGSLANDS & FERGUSON, Phoenix Foundry!

186, 196 & 200, Second Street, St. Louis, Mo.

MANUFACTURERS of PAGE'S PATENT PORTABLE SAW-MILLS, CHILD'S PATENT DOUBLE SAW-MILLS and HORSE POWERS: COX & ROBERTS' PATENT THRESHER and CLEANER.

Threshers with and without Separators, Lever Powers, Endless Chain or Railroad Powers, Corn and Cob Crushers, Corn Shellers, Plows, Bark Mills, and Mill Machinery.

CASTINGS of every description, made to order at short notice.

Jan. '58.



HEDGING:

We have about 100 acres planted to Osage Orange in Western Missouri, Iowa, Nebraska and Kansas. Will make hedge fences upon a principle entirely new, that will succeed with or without trimming, possessing five important advantages over the usual system, viz: suffering no injury if frozen down every winter, neither if fire ran through it. Protect stock better against the cold winds, and all the expenses semi-annually, trimming saved. Also not so liable to thin out at bottom. Our nurserymen are authorized to sell plants at \$5 per 1000. The purchaser will be furnished directions for planting upon the above principle; also any person wishing hedging done should let the nurseryman know it, that we may see them when we come. We will take in payment where the amount is sufficient to justify it, horses, mules, jacks, jennets, sheep, &c. Plants may be set any time from the failing of the leaf in autumn to the bursting of the bud in Spring. We design planting nurseries in every county and settlement (where thought practicable) in the States and Territories above named, and northern Texas. Will take contracts to hedge when ten miles or over can be had in the same vicinity. Also hedge for part of the land with or without the land being previously enclosed.

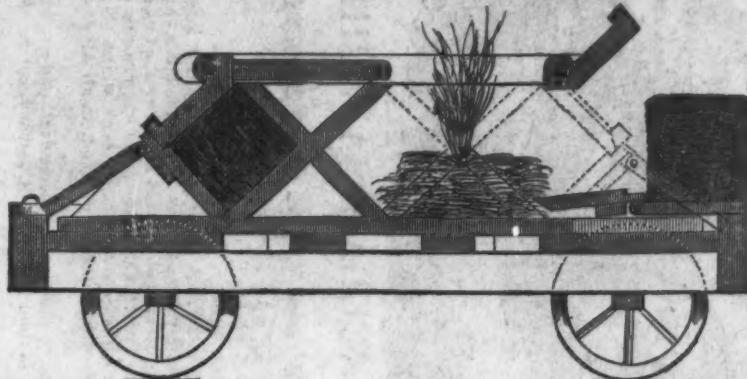
Address

JOHN D. THOMPSON.
Rural, Jasper Co., Mo.

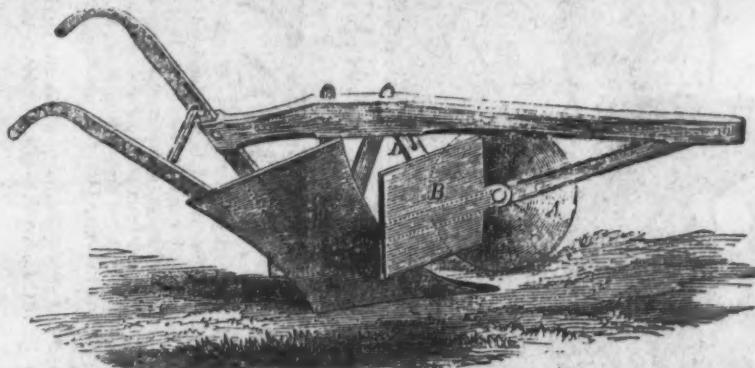
W.M. J. KEY, Wholesale and Retail Dealer in OSAGE ORANGE PLANTS, and BUILDER of HEDGES. Glasgow, Mo.

MANNY & CO., Freeport, Ills.

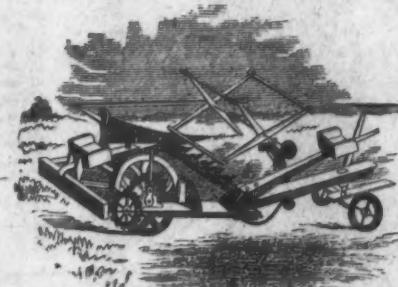
P. MANNY & J. PATTISON, having formed a co-partnership for Manufacturing purposes, would call the attention of Farmers to the following articles which we are prepared to manufacture, as also all other kinds of Agricultural Implements, when desired, at the Freeport Manufacturing Company's Shop:—

**NANNY'S PATENT PORTABLE HAY AND COTTON PRESS.**

A Horizontal Vibrating Lever Press, constructed on wheels. It is readily drawn from place to place, and worked with great facility, the Press being filled at one end while the bale is being hooped at the other, and vice versa—pressing a bale at each vibration of the levers, and, as is apparent, capable of doing a great amount of work, and designed to fully meet the wants of the people.

**Manny's Patent Sub-soil Plow.**

This is an article every farmer wants, to renovate his land and increase his crops. It is an old adage that "he who makes two spears of grass grow where only one grew before, is a public benefactor"—and that is what this Plow is intended to do.

**P. MANNY'S PATENT SELF-RAKING REAPER AND MOWER COMBINED!**

Not the old favorite Reaper and Mower of J. H. Manny, that has won so many laurels under the fostering care of its inventors. This is a new machine lately patented by P. Manny, in which there are many valuable improvements. It is not as liable to get out of order as other Self-Rakers, it being so simple that any farmer can mend or make any part of it without the trouble of going to a shop, or it may be taken off in a minute or two and laid aside.

MANNY & CO., Freeport Illinois.



WHITLEY'S PATENT PORTABLE DOUBLE CIRCULAR SAW MILL.

PATENTED MARCH 4, 1856.

MANUFACTURED BY CLARK, AVERY & VOORHIES.

AT THE PEOPLE'S IRON WORKS,

Main street, between Florida and Mulamphy streets, North of the Shot Tower, St. Louis, Mo.

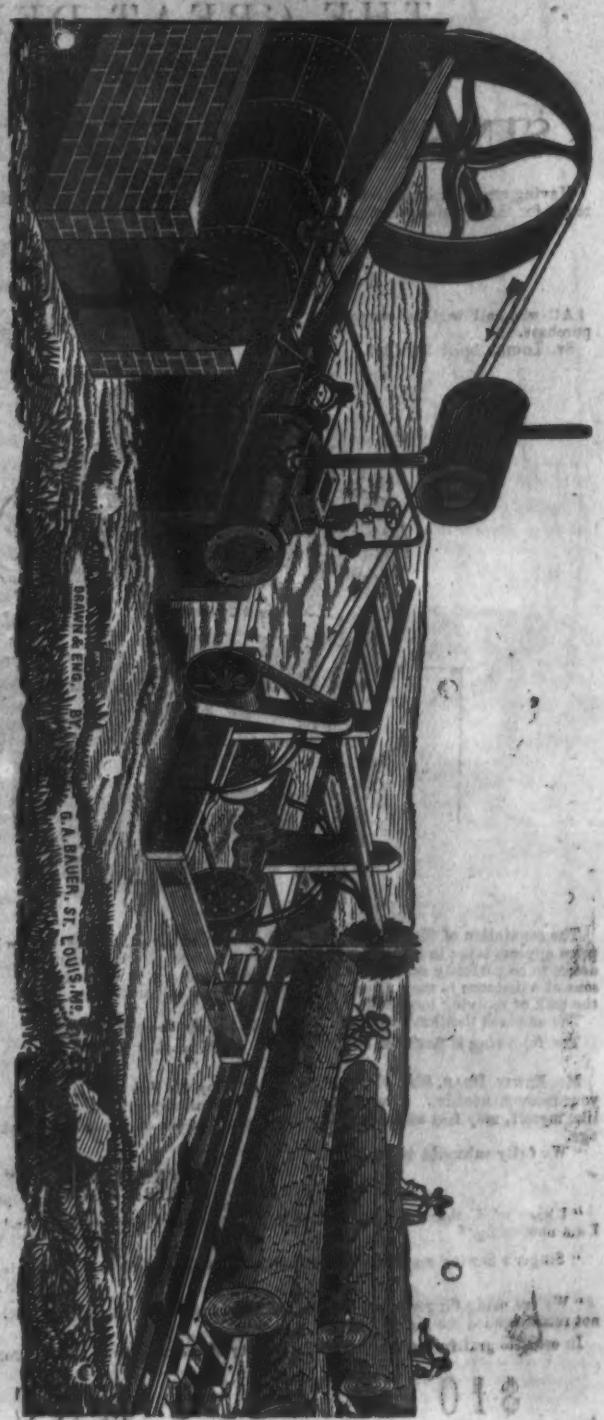
The Simplicity, Cheapness, Durability, Strength and Easy Management of this Mill, makes it the best now in use. A glance at its combined improvements cannot fail to convince every person of the superiority over any other for making lumber. It is constructed with two Saws, one above the other, and in line with each other, so as to assist in cutting off the slab, swell, buts and knots, and splitting large logs. The top saw can be moved on the arce, so as to cut two planks with one run of the carriage, and in cutting fencing it will cut from two to eight boards with the two saws. The after end of the two saw shafts are connected by an arm, which acts as a guid for both shafts, and serves for their adjustment, so as to have complete control of the saws whilst running, and keeping them true with each other whilst cutting. It is capable of sawing 1000 feet per hour, and will work without sawing crooked, in all kinds of timber. We warrant the Mills to perform in every respect as represented.

One of these Mills can be seen in operation at the PEOPLE'S IRON WORKS, where the public are invited to examine for themselves, and any information respecting them will be cheerfully given on application to ISAAC L. GARRISON, President of the Home Mutual Insurance Company, corner of Main and Vine streets.

St. Louis, Saturday, 1856.

CLARK, AVERY & VOORHIES.

July.



PAGE'S PATENT

PORTABLE CIRCULAR SAW-MILL.

WITH STEAM POWER THESE MILLS are capable of sawing from THREE to EIGHT Thousand feet of lumber in a day, varying according to the power applied and kind of timber sawed. With Horse Power, are capable of sawing from ONE to TWO thousand feet per day according to the kind of timber sawed, and with either Steam, Water, or Horse Power, will saw more lumber and in a better style, than any other kind of mill now in operation. With the CHILD PATENT DOUBLE MILL, any sized timber can be sawed. The simplicity in their operations, durability and adaptation of these Mills to the wants of the country, and successful practical operation of those in use,

PHOENIX FOUNDRY, corner of Second and Cherry Sta. St. Louis.

together with their becoming almost entirely used, has been the means of establishing their great reputation.

With our experience for the past ten years in making these Mills, and with improvements and increased facilities in manufacturing, we offer them to the public with the fullest confidence of their superior advantages over all others. Having the right of manufacturing for a large portion of territory West and South, we can furnish either the SINGLE or DOUBLE MILL as preferred, for Steam, Water or Horse-Power. Orders respectfully solicited, and any further information obsequially given.

KINGSLANDS & FERGUSON,

THE GREAT DEMAND

FOR

SINGER'S SEWING MACHINE

Having rendered it necessary to extend our establishment, we have opened another suit of exhibition and sales rooms for the especial accommodation of the ladies at the largest store in

GLASGOW ROW, NO. 106 FOURTH STREET,

West side, above Locust, directly opposite Vine st.

All who call will be courteously furnished with every information, whether led by curiosity or a desire to purchase.

St. Louis, April 27, 1857.

EDWIN DEAN, Agent.



The reputation of Singer's Sewing Machines is spreading far and wide with unexampled rapidity. But as the price appears large to those who are not fully conscious of the wonderful capacity of the Machine, people naturally desire to be perfectly satisfied that the investment is a good one before purchasing; hence applications from persons at a distance to their friends and acquaintances in Saint Louis, for reliable information are so numerous that the task of replying has become quite onerous.

The annexed Certificates will, it is thought, satisfy the most skeptical.

The following is from the lady of Rev. C. B. PARSONS, D. D.—

St. Louis, January 30, 1856.

Mr. EDWIN DEAN, Sir:—I am using one of Singer's Sewing Machines, and am satisfied that it fully realizes your recommendation. I have much pleasure in making this statement, which I do for the benefit of those, who, like myself, may feel an interest in what I consider one of the most remarkable and perfect improvements of the age.

"We fully subscribe to the above,"

STICKNEY & SCOLLAY, Proprietors of the Planters House.
BARNUM & FOGG, Proprietors of St. Louis Hotel.

"I have tried other sewing machines in my business of dress making, and most decidedly prefer Singer's, which I am now using."

MRS. T. DICKENSON, 140 North Fourth street.

"Singer's Sewing machines are undoubtedly unrivaled for manufacturing clothes."

BROWN, THATCH, & CO., 72 Main street.

"We are using Singer's Machine in the Manufacture of gentlemen's boots and shoes, and are satisfied they are not recommended too highly."

J. H. FORTH, 47 Locust street.

In order to gratify the very natural curiosity of the public, we have procured one of the much talked of

\$10 SEWING MACHINES,

and made arrangements for a supply. Should any wish to purchase the said machine is open to inspection.

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ST. LOUIS NURSERIES, &c.

ST. LOUIS, MO. JOHNSON & CO.

M. G. KERN, Proprietor,

Respectfully begs leave to announce that he will have for sale, the ensuing Fall and Spring
a Superior Stock of

FRUIT

AND

Ornamental

TREES,



Shrubbery,

VINES,

ROSES,

&c., &c.

His Nurseries contain such varieties of Fruit Trees as are known to succeed best in the Climate and Soil of the West and South-West, consisting of

STANDARD APPLES, of the best Summer, Fall and Winter varieties.

DWARF APPLES, on Paradise and Doucain Stocks.

STANDARD PEARS.

DWARF and HALF STANDARD PEARS, on Quince Stocks.

STANDARD and DWARF CHERRIES.

STANDARD and DWARF PLUMS.

PEACHES, a very large collection and of the very best varieties.

APRICOTS, NECTARINES, QUINCES, &c.

GRAPE ROOTS and CUTTINGS, Isabella, Catawba, and other varieties.

GOOSEBERRIES, RASPBERRIES and Currants, of the various kinds.

THE ORNAMENTAL DEPARTMENT

WILL COMprise

ORNAMENTAL DECIDUOUS TREES,

EVERGREEN TREES, of various species and of different ages and sizes,

FLOWERING SHRUBS, all of the most desirable kinds,

ROSES, of the most beautiful varieties, selected after many years of culture and experiment,

PHONIES, PHLOXES and CHRYSANTHEMUMS of the finest sorts.

All varieties of Trees and Shrubs warranted true to name.

The proprietor hopes, that from a thorough acquaintance with the Nursery business, in all its departments, and by a personal supervision of his Nurseries, to give entire satisfaction to all who will favor him with their patronage.

He will receive orders at the Office of the VALLEY FARMER, corner of Second and Chestnut streets, St. Louis, Mo., or at his Nurseries situated on the Olive Street Plank Road, five miles West of the city. Orders by letter may be addressed to M. G. KERN, St. Louis Nurseries, St. Louis, Mo.

ST. LOUIS AGRICULTURAL WORKS, WAREHOUSE AND SEED STORE.

ESTABLISHED 1845, BY WM. M. PLANT.

CLARK, PLANT & NORRIS,

(SUCCESSORS TO WM. M. PLANT & CO.,)

MANUFACTURERS OF AND WHOLESALE AND RETAIL DEALERS IN

Agricultural Machines and Tools,

IN ENDLESS VARIETY; ALSO

GARDEN, GRASS AND OTHER SEEDS.

THE SIGN OF THE GILT PLOW.

No. 14 North Main Street, between Market and Chesnut streets.,

ALSO, NO. 208, NORTH FOURTH ST., OR 218, BROADWAY,

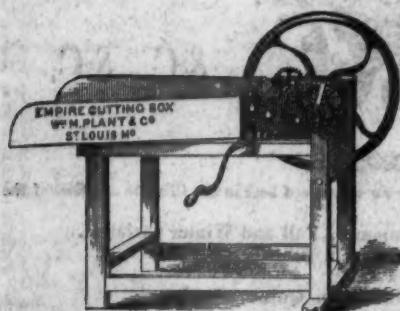
between Morgan Street and Franklin Avenue.

MANUFACTORY, NORTHWEST CORNER OF MAIN AND BIDDLE.

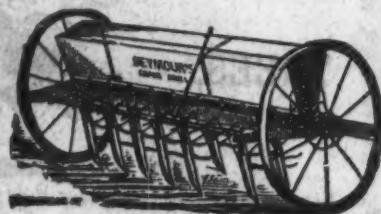
ROLLIN CLARK,
WM. M. PLANT,

St. Louis, Mo.

A. B. NORRIS,
J. F. SMITH,



Empire Hay, Straw & Corn Stalk Cutter.



WHEAT DRILL AND BROADCAST
SEED SOWER.

Descriptive Catalogues furnished gratis.

CONSTANTLY ON HAND AND FOR SALE,
LEVER & RAILROAD HORSE POWERS AGRICULTURAL BOOKS,
THRESHERS with SEPARATORS,
THRESHERS with CLEANERS,
MOWERS and REAPERS,
STRAW and HAY CUTTERS,
CORN SHELLERS,
PLOWS, HARROWS,
CULTIVATORS,
CIDR MILLS,
FAN MILLS,

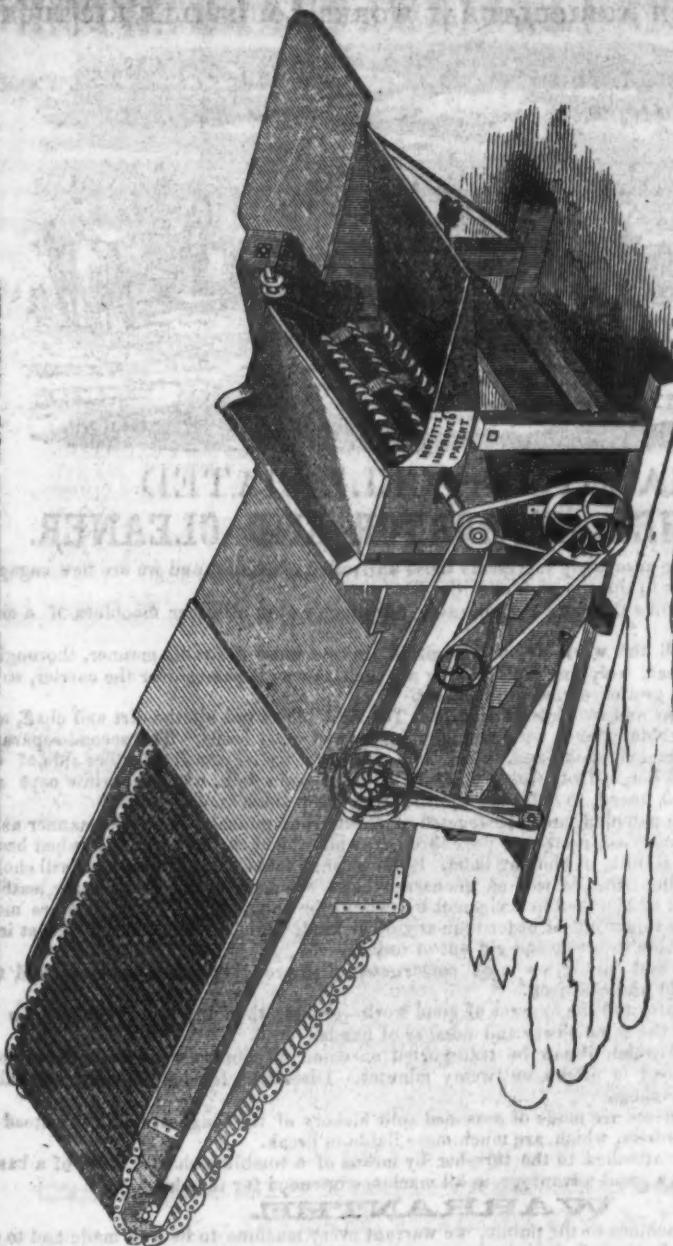
TIMOTHY SEED,
CLOVER " "
RED TOP "
BLUE GRASS "
HEMP "
MILLET "
CANARY "
GARDEN and FLOWER SEEDS,
BIRD CAGES, &c.

CHINESE SUGAR CANE AND CHINESE HEMP SEED.

Our Descriptive Catalogues furnished gratis on application at warehouses, or by mail, when five cents are sent to prepay the postage.

CLARK, PLANT & NORRIS.

MOFFITT'S THRESHER WITH SEPARATOR AND CLEANER.



MANUFACTURED BY CLARK, PLANT & NORRIS, ST. LOUIS, MO.

We are now manufacturing this celebrated machine, having effected arrangements with Mr. Moffitt, the patentee, who is to give, at our manufactory, his personal attention in the construction of them.

In effective operation, nothing has been found equal to this machine, considering the size, cost and the amount of power required to operate it. It is one of the best machines we know of. It threshes and cleans the grain thoroughly. It has an endless chain in straw carrier with open slats, with a shaking motion the whole length, by which arrangement it is almost impossible that any grain should be carried off with the straw, and is driven by a tumbling shaft from horse power, or it can be driven by any other power, with either tumbling shaft or pulley.

It has given good satisfaction to our customers, and has taken several premiums at the Agricultural Fairs last season.

Price of Eight Horse Power with Thresher and Cleaner complete, \$175. Terms half cash, balance four months approved note, or five per cent discount for cash on delivery. Twelve foot Straw Stackers furnished when desired. Price \$15, and \$1 per foot for each additional foot.

SELBY'S PATENT WHEAT DRILL AND BROADCAST SEED SOWER, MANUFACTURED BY CLARK, PLANT & NORRIS, ST. LOUIS, MO.

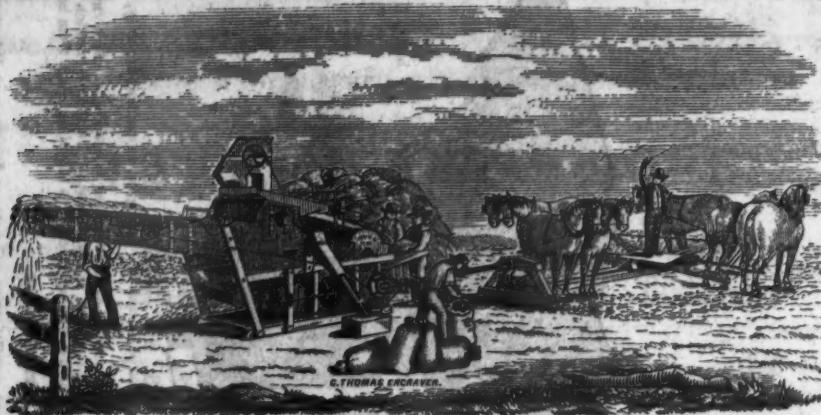
Owning the exclusive right for the manufacture of this superior Drill for Missouri, Arkansas, Texas, Louisiana, Mississippi, Tennessee, Kentucky, Nebraska and Kansas Territories; also having the right to sell in any of the States and Territories, we are now manufacturing 500 for the fall sales of 1857, and would advise all who are in want of a first rate Drill, to order early to insure being supplied.

This Drill took the first premium and Diploma at the St. Louis Agricultural and Mechanical Association, and the Illinois State Fair in the fall of 1856, and all the fairs where exhibited.

Descriptive Circulars, showing the advantages to be gained in drilling all small grain, furnished gratis.

Price of Drill complete, with Seed Sower attached, \$90. Terms half cash, balance approved note, due 1st January following purchase, or \$85 cash on delivery.

SOUTH-WESTERN AGRICULTURAL WORKS, LOUISVILLE, KENTUCKY.



RALSTON'S CELEBRATED THRESHER, SEPARATOR AND CLEANER.

The above engraving accurately represents these unrivaled machines, and we are now engaged in manufacturing them in the city of Louisville, Ky.

We claim for Ralston's Cleaner, the following advantages over all other machines of a similar character:

1st. It does up all the work by one operation, in the most desirable manner, thoroughly threshing out the wheat, whipping and shaking all the straw as it passes over the carrier, so as to shake out any loose grains carried in the straw.

2nd. It has two fans and two sets of riddles. The first blows out all the dirt and chaff, and separates the chaff, cobble, gravel, sand and small grass and weed seeds. The second separates the wheat with an additional shake and blast, and delivers it well cleaned on either side of the machine, at a sufficient height from the ground to attach a grain bag, while the white caps are passed back to the feed board, to enter the thresher with fresh sheaves.

3d. The riddles are patented, and constructed of sheet iron, punched in such a manner as to allow the wheat and heavy substances to pass through, while the chaff, straw and threshed heads roll off without any possibility of choking them. Riddles constructed on any other plan will choke.

4th. The rope driving-belts, as well as the carrier-belts, are made of the best belting leather, which can be tightened or loosened in a moment by twisting or untwisting. These belts are more durable and less liable to get out of order than any other kind, while carriers formed of cast iron links are constantly liable to break and get out of order.

5th. Its durability and strength—being constructed of thoroughly seasoned wood, and the best quality of wrought and cast iron.

6th. Its ease of draft, and the amount of good work—greater than any other machine can be made to perform with the same power and number of hands.

7th. The ease with which it can be transported on common country wagons—three or four hands can load or unload in fifteen or twenty minutes. Directions for loading and unloading accompanying each machine.

8th. Our straw carriers are made of seasoned split hickory of the toughest quality, instead of turned ash, as many others, which are much more liable to break.

9th. The power is attached to the thresher by means of a tumbling shaft instead of a band, and this will be found a great advantage in all machines intended for threshing.

WARRANTEE.

In offering these machines to the public, we warrant every machine to be well made and to do good work to the satisfaction of the purchaser, or we will refund the money on return of the machine.

We make at present but one size of these Cleaners.

No. 1 Thresher, Separator and Cleaner, with power for eight horses, complete, \$310. delivered on steamboat or cars.

A liberal discount made to dealers. Orders from abroad promptly attended to.

MUNN & CO.

SOUTH-WESTERN AGRICULTURAL WORKS. Louisville K-
HARPER & SCUDDER, No. 34 Levee and 68 Commercial street, St. Louis Mo., Agent for
St. Louis, Mo.

LITTLE GIANT CORN AND COB MILL AND Agricultural Implement Warehouse,

175 and 177 MAIN STREET, opposite the Virginia Hotel.

SAINT LOUIS, MO.

JAMES B. CHADWICK

Keeps constantly on hand a general assortment of

Farming Implements,

And respectfully solicits the patronage of those desiring such. Is also proprietor in the West for the

Little Giant Mill.

Agent for HEDGES' CHINESE SUGAR CANE MILL, STEAM BOILER, SCOTT'S CRESCENT MILL, Etc., Etc.

MOWERS and REAPERS,
HORSE POWERS,
THRESHERS and SEPARATORS,
STRAW CUTTERS,
SELLERS,
FORKS,
SCYTHES and SNATHS,
CRADLES,

PLOWS and CULTIVATORS,
HARROWS,
SHOVELS an SPADES,
CHURNs,
HAND and HORSE RAKES,
GARDEN TOOLS,
MORTICING MACHINES,
POST AUGERS,

And other economical and labor-saving Machines and Tools.

500 Bushels of Choice Northern Seed Buckwheat. 100 bushels Shipped Improved White Flint Corn, very superior for Seed, with which other varieties will not hybridize, for sale by

J. B. CHADWICK:



EMERY'S PATENT Changeable Railroad Horse Power THRESHER, SEPARATOR SAW, &c.

The subscriber is now sole agent for the above celebrated Machines in St. Louis, to whom application should be made by parties wishing the GENUINE article. Persons living on or near the rivers convenient to St. Louis, or any Railroad leading from the latter place, can always be supplied on more favorable terms here than elsewhere.

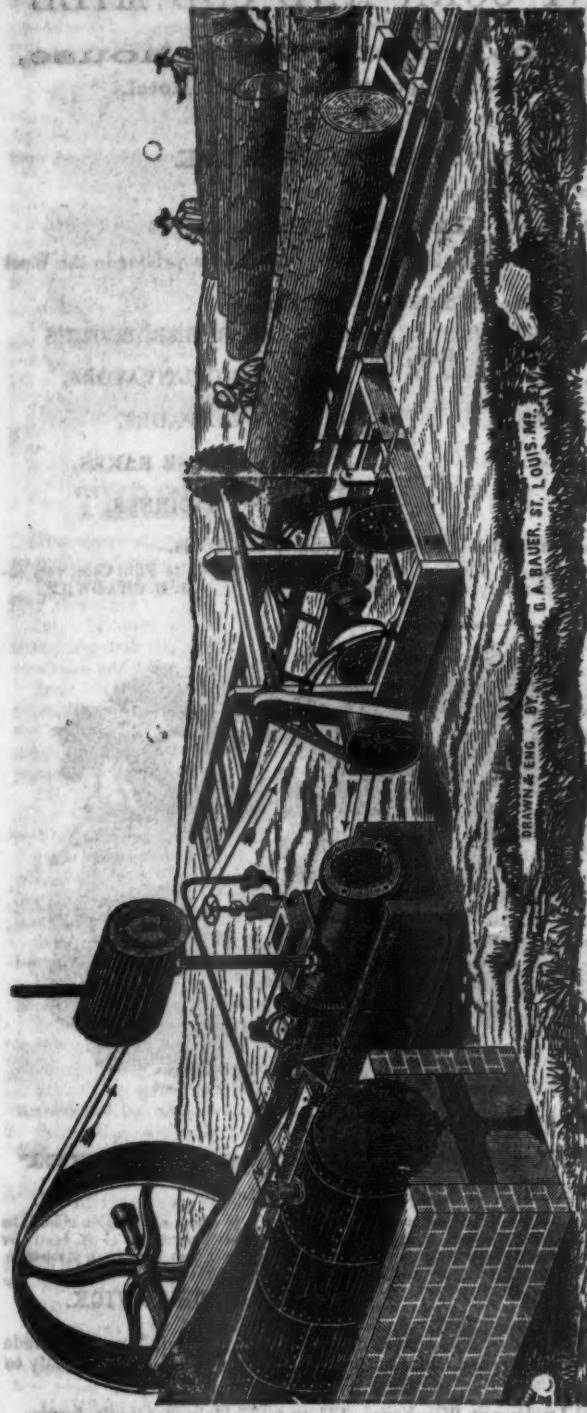
A Circular containing price and description will be forwarded gratis to applicants by

JAMES B. CHADWICK.

CHINESE SUGAR CANE.—A Circular of Instruction for Choice of Ground, Time and Mode of Planting, Cultivating, and Stripping the Chinese Cane, will be forwarded gratuitously to all applicants, by

JAMES B. CHADWICK,

Little Giant and Agricultural Implement Warehouse, 175 and 177 Main street, St. Louis.



PAGE'S PATENT

PORTABLE CIRCULAR SAW-MILL.

WITH STEAM POWER THESE MILLS are capable of sawing from THREE to EIGHT Thousand feet of lumber in a day, varying according to the power applied and kind of timber sawed.

With Horse Power, are capable of sawing from ONE to TWO thousand feet per day, according to the kind of timber sawed, and with either STEAM, WATER, or Horse Power, will saw more lumber and in a better style, than any other kind of mill now in operation.

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J. H. PORTH, 47 Locust street.

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\$10 SEWING MACHINES,

and made arrangements for a supply. Should any wish to purchase the said machine is open to inspection.

LARGE SALE of BLOODED CATTLE.
 ON THURSDAY, the 13th day of August next, I will offer for sale at public Auction, at my residence, two miles from Paris on the Cleveland road, and within half a mile of Wright's station, on the Kentucky Central Railroad, my entire herd of

DURHAM CATTLE.

Consisting of nearly 40 head of Thorough Breeds of the finest quality. About 30 head of them are cows and heifers, the remainder bulls and calves. Among the bulls are the celebrated **PERFECTION**, (No. 1007, A. H. B.), well known as one of the finest animals of his kind in Kentucky, **STRAFFORD**, (No. 1007, A. H. B.), now two years old and past, and regarded as a very superior bull. The remaining bulls are young but of the best blood and great promise. Among the cows are **Laura**, one of the most distinguished premium cows in the State, and many of the best young cows and heifers to be found anywhere.

These cattle have been bred with the greatest care, and taking them altogether, there is not a herd in the country of the same number superior to them, certainly the same number of select animals have never been offered for sale together at any time in Kentucky.

TERMS.—A credit of six months, the purchasers to give notes with approved security, payable at one of the banks in Paris.

Dinner will be prepared for visitors at the sale.
 Aug. 1t. E. G. BEDFORD.

First Class Family Journals.

LIFE ILLUSTRATED: A first class Pictorial Paper, weekly. \$2 a year; \$1 for half a year....
WATER CURE JOURNAL: Devoted to the Laws of Life and Health. \$1 a year....
PHRENOLOGICAL JOURNAL: Devoted to the Improvement of Mankind. \$1 a year. The three Journals sent one year for \$3. Address

8. St. FOWLER & WELLS, No. 308 Broadway, N. Y.

CURE SURE FOR LUNG FEVER

IN EARLY STAGES;

AND THE BEST CURE IN ALL CASES FOR Coughs, Quick Breathing, Soreness of the Chest and Throat in

HORSES, MULES, JACKS & CATTLE.

JOSEPH STOCKDALE, Agent Springfield, Ill. Prepared by the author of the Book "Educated Horses, Phrenology, Physiology, Treatment of Diseases," Medicine to be found in St. Louis, Mo.

Dr. DENTON OFFUTT.

PRICE \$1 PER BOTTLE.

LIFE ILLUSTRATED IS AN ELEGANT QUARTO OF eight beautiful pages—a trifle larger than the "Illustrated London News"—a perfect model of excellence in size, shape, and sentiment, and is, altogether, one of the most sound and sensible of live papers. Men like it, women like it, boys like it, girls like it, the old folks like it, young folks like it, the children like it, and the rest of the folks can't keep house without **LIFE ILLUSTRATED**. No plantation should be without it. Only \$3 a year, \$1 for half a year, and on trial three months for 25 cents. Address FOWLER & WELLS,

308 Broadway, New York.

LIFE ILLUSTRATED is marked by taste and beauty, and we have no doubt it will be the best paper of the kind published in New York—[Corner Stone, Columbus, Ga.] We can command it to the patronage of our friends. It is filled with excellent reading, well arranged, with everything under an appropriate head.—[Auburn (Ala.) Gazette.

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LIFE ILLUSTRATED IS A FIRST CLASS PICTORIAL Weekly Journal, devoted to Entertainment, Improvement and Progress, designed to encourage a spirit of Hope, Manliness, Self-reliance, and Activity; to illustrate life in all its phases. A high-toned Pictorial Weekly Paper, which ought to be read in every family. Published at \$2 a year, \$1 for one-half a year, and to Club of Four, three months for One Dollar. Try it.

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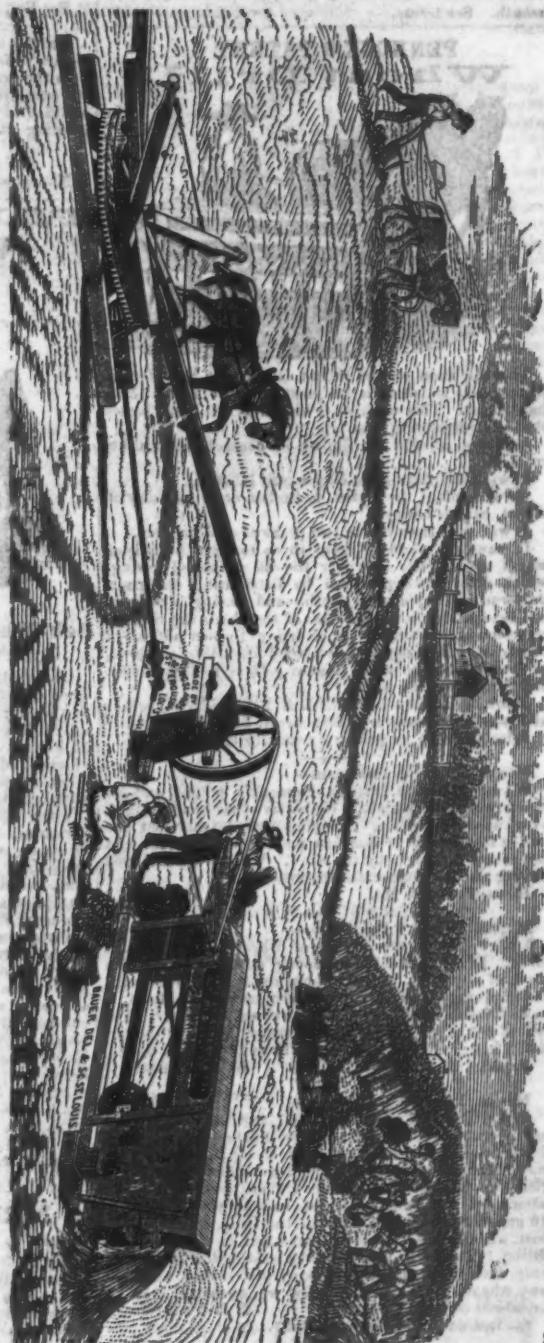
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MEN, WOMEN AND CHILDREN WHO READ LIFE ILLUSTRATED, pronounce it the best Family paper now published. \$2 a year, one for half a year, and, "just to try it," only 25 cents for three months. Inclose the amount, and direct to FOWLER & WELLS, New York.

The Savannah "Democrat" says: "We regard it as one of the very best weekly papers in the world." The Alabama "Beacon" says: "If there is one newspaper within our knowledge which we can safely recommend to the general reader, it is Life Illustrated. It has served up weekly an amount of reading matter which you seldom get for the price, which is neither too light nor too serious, but is at once logical, literary and lifelike; pungent, practical, and progressive; enlivening, eloquent and ennobling. In short, it seems to be the object of Life Illustrated to spread sunshine, happiness, and useful information everywhere. Try it."

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All the other good Cook Books, besides many other useful works for the Farm and the House; and a large stock of Standard Books, and Stationery	
Send by mail, or otherwise, or call at	
J. M. CRAWFORD'S, 30 & 32 Chestnut street,	
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FIRST PREMIUM AND DIPLOMA AWARDED BY THE LATE

MISSISSIPPI VALLEY FAIR

TO

COX & ROBERT'S PATENT THRESHER AND CLEANER!

The sales of these Machines last year, was double that of any preceding one, and it was with great difficulty that the demand could be supplied. From our increased facilities in manufacturing, and the care taken in selecting materials, we are now able to offer them to the public as the best Machine made for the farmer. They thresh and clean the grain ready for market, and are considered by those having them in use to be the most simple, cheap and durable offered for sale.

Our Lever Powers are an improvement on any now in use, being extremely simple and portable.

The Endless Chain or Railroad Horse Power is very durable—wrought iron links being used instead of cast iron, consequently are not liable to break or wear out.

Any further information cheerfully given.
March 1st.

Corner of Second and Cherry streets, St. Louis, Mo.

ADVERTISEMENTS

To secure insertion in the Valley Farmer, must be received in our office, as early as the 15th of the previous month. See terms.

**PENNOCK'S PATENT
Wheat Drill!**



The attention of the Wheat Growers of the West is respectfully solicited to this most valuable agricultural implement. This machine is known as the best Planter that has yet been in use.

It is not injured by coming in contact with rocks, roots, &c.

It will save from 40 to 60 per cent labor.

It will plant from ten to twelve acres per day of wheat, oats or barley.

It will save from one to two pecks of seed per acre.

It causes a yield of from three to eight bushels of wheat more to the acre over the old method of sowing, which difference is produced by distributing the grain uniformly at any desired depth; and having a ridge of soil between the rows, the roots of the plants are thereby protected in winter, instead of being thrown out, as in broadcast. No harrowing is needed after this machine, as it completes the work at once. It is so simple that any farm hand can use it.

Manufactured by TERRELL & BUCHANAN, corner of Franklin Avenue and 20th street, St. Louis.

Price \$80 cash, or \$85 on six months time.

Measrs. Terrell & Buchanan—

We own a Wheat Drill of Pennock's patent, and are entirely satisfied with it. We believe that small grain of every kind does better. The land produces more per acre and is less subject to disasters, particularly the rust, and not so apt to tangle by the wind. We believe the Drill among the most important inventions.

Howard county, Mo.

W. H. ELGIN.

Measrs. Terrell & Buchanan—

I have put in three crops of wheat with Pennock's Drill. It is the best labor-saving machine I have seen used, of any kind. It is durable and does its work well. No improvement that I have seen used on the farm, is more durable and less liable to get out of repair. The wheat put in with the Drill will stand the winter better, and I believe it will yield from 10 to 20 per cent more.

Fayette, Mo.

W. M. JACKSON.

Measrs. Terrell & Buchanan—

I used Pennock's Drill last fall, and take pleasure in saying that I much prefer the Drill to broadcast sowing. I put in 90 acres of wheat with the Drill. It being a new thing in my neighborhood, I concluded I would not risk the whole field, but would divide it equally, sowing alternately, 20 acres broadcast, and 10 with the Drill; 10 acres broadcast and 25 with the Drill, and 25 broadcast, all on the same kind of land and in the same condition. The Drilled wheat looks well and will make a crop, but the broadcast in many places does not show any wheat, and I had to plow up almost the entire broadcast sowing.

T. J. THOMPSON.

St. Louis county, June 9th, 1857.

I hereby certify that I have used Pennock's Wheat Drill (manufactured by Measrs. Terrell & Buchanan, in the city of St. Louis,) to put in my last crop of wheat,

and I must say that the Drill performed well, and the wheat was not winter-killed, as was the case with the most of the broadcast sowing.

JAS. S. QUIRENBERRY.

Fee Fee, Mo., June 9th, 1857.

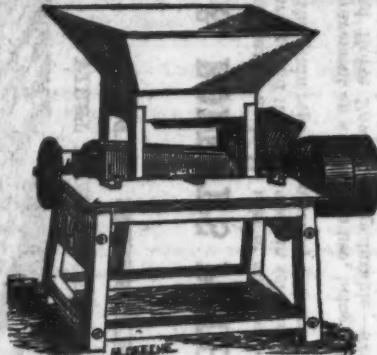
Having used and tested Pennock's patent Wheat Drill we are satisfied it saves in labor and seed one-third, and puts the grain in a much better condition to withstand the casualties of winter than broadcast sowing. We are satisfied of that fact by the appearance of our present growing crop, drilled on old land.

S. M. BAKER.

IRAH H. ELLIS.

Montgomery Co., Mo., May 24th, 1857.

PREMIUM MILL!



**FELTON'S
Self-Sharpening Portable Corn Meal,
Corn Cob and General Feed Mill.**

This Mill was awarded the First Premium at the St Louis Fair for the above kind of grinding. It can be run by any kind of horse, water or steam power practicably. The No. 3 Mill is capable of grinding from 16 to 25 bushels of superfine meal per hour, and from 20 to 40 of corn and cob and other feed per hour, with from 3 to 6 horse power. No. 2 will do one-half the above amount with half the power.

These Mills are very durable, and any inexperienced person can run them. They have been tested for over two years, and all are in perfect order yet, and giving the best of satisfaction. The metal being harder than tempered steel, and truly self-sharpening, makes it more durable than a dozen common iron mills; therefore they are much cheaper.

Persons wishing a mill for grinding all kinds of grain in a grit mill, or to attach to a saw mill, are requested to try one of the Felton Mills, as they are warranted to grind twice as fast as a burr stone with the same amount of power; and if the grinding surface should ever wear out we will replace them at one-fourth the expense of keeping a stone in order the length of time they run, therefore save time in dressing stone, and expense of keeping a practical miller.

Price of mills all complete ready to run, No. 2, \$150; No. 3, \$200. For sale by our agents, Wm. M. PLANT & CO., No. 14 North Main street, and H. C. HOUTS & CO., No. 21 Market street, or at our office, 122 Market street, St. Louis, Mo.

De'56, ly. LOOMIS, NICHOLS & CO., PROPRIETORS.

PURE BRED STOCK FOR SALE.

Pure Bred Durham Cattle, French Sheep, Spanish Sheep, Suffolk and Essex Pigs, and Madagascar or Fancy lop-eared Rabbits.

Apply to JOHN S. GOH, near Tipppecanoe P. O., four miles East of Brownsburg, Fayette Co., Pennsylvania. Address me at either office.

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W. M. J. KEY, Wholesale and Retail Dealer in OSAGE ORANGE PLANTS, and BUILDER of HEDGES. Glasgow, Mo.

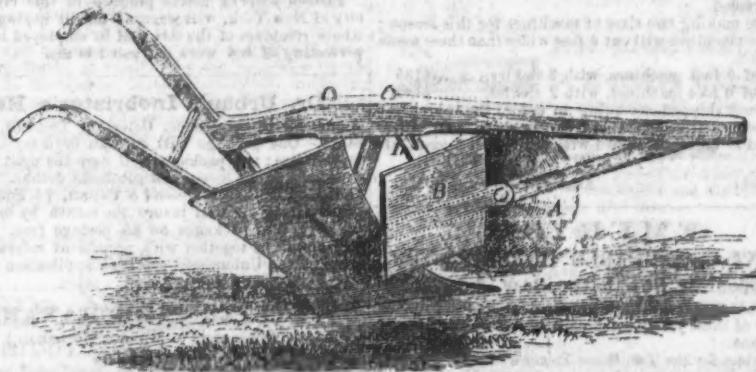
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MANNY & CO., Freeport, Ills.

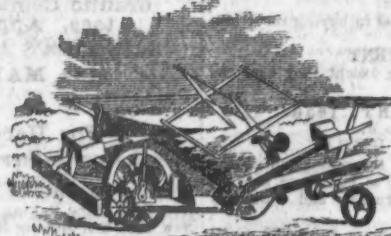
P. MANNY & J. PATTISON, having formed a co-partnership for Manufacturing purposes, would call the attention of Farmers to the following articles which we are prepared to manufacture, as also all other kinds of Agricultural Implements, when desired, at the Freeport Manufacturing Company's Shop:—

**NANNY'S PATENT PORTABLE HAY AND COTTON PRESS.**

A Horizontal Vibrating Lever Press, constructed on wheels. It is readily drawn from place to place, and worked with great facility, the Press being filled at one end while the Hale is being hooped at the other, and vice versa—pressing a bale at each vibration of the levers, and, as is apparent, capable of doing a great amount of work, and designed to fully meet the wants of the people.

**Manny's Patent Sub-soil Plow.**

This is an article every farmer wants, to renovate his land and increase his crops. It is an old adage that "he makes two spears of grass grow where only one grew before, is a public benefactor"—and that is what this Plow is intended to do.

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not the old favorite Reaper and Mower of J. H. Manny, that has won so many laurels under the fostering care of its inventors. This is a new machine lately patented by P. Manny, in which there are many valuable improvements. It is not as liable to get out of order as other Self-Rakers, it being so simple that any farmer can mend or make any part of it without the trouble of going to a shop, or it may be taken off in a minute or two and laid aside.

MANNY & CO., Freeport Illinois.

**MANNY'S PATENT
REAPING AND MOWING MACHINE
MANUFACTURED BY
S. N. & W. H. PURSE,**

Ashley, Pike county, Mo.

Having made several valuable improvements in these machines, we now recommend them as being the best Reapers and Mowers ever offered to the public. The most important changes made since last season are as follows.

1st. Instead of using the stationary wooden axle as before, the main wheel is fastened on an iron axle, which revolves with the wheel; and the wheel being enlarged, makes the machine of much lighter draft.

2d. The gearing is so arranged that the dirt is prevented from falling on it, so that there is no difficulty about keeping it greased.

3d. The plow is made wider and nearly straight, making it much easier to rake off the grain; also various other changes, all tending to make the machine more easily managed; of lighter draft, and more durable than before.

These machines can be thrown out of gear at any time, and taken from one field to another on their own wheels, without running the cutting apparatus. They can be raised or lowered so as to cut from one inch to thirty inches high, without stopping the team—thus avoiding the necessity of going around stumps, stones or other obstructions less than thirty inches high, and can be changed from a reaper to a mower or from a mower to a reaper in one minute. All side draft to the team entirely avoided.

We are making two sizes of machines for this season; the large machines will cut a foot wider than those made last season.

Price of 5 foot machines, with 2 sickles,.....\$135

Price of 6 foot machines, with 2 sickles,.....\$145

Machines shipped according to order, the purchaser paying cost of transportation from the shop. All orders addressed to the undersigned will meet with prompt attention.

S. N. & W. H. PURSE,

No. 5-3t

Ashley, Pike county, Mo.

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PATENT CHANGEABLE HORSE POWER,
Thresher, Separator, Saw, &c., &c.**

The subscribers are now prepared to contract for the delivery of these justly celebrated Machines for the season of 1856.

Our prices for the Two Horse Power with Thresher and Separator, &c., will be 180 dollars, delivered on board of any conveyance in the city, or we will deliver on the Mississippi river, at the terminus of any Railroad running from Chicago, for 200 dollars.

This will give to those wanting in Upper Missouri, Iowa, Minnesota and Wisconsin, an advantage over buying at any other point in the West.

CAUTION—Should be observed in buying the Horse Power, that the genuine

EMERY'S PATENT

Are obtained, as none are made except they bear the stamp and brand of

EMERY'S PATENT, 1856.

MANUFACTURED BY

EMERY BROTHERS.

This remark is made because the reputation of the Power has induced IMITATIONS to be thrown into the market and are of inferior construction and workmanship.

Full and Descriptive Catalogues are furnished gratis to all on application. **HENRY D. EMERY.**
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CATTLE, CATTLE.

I have a few choice Alderney and Jersey Cattle for sale. They are from stock of my own importation and bred with care. Also Suffolk and Chester White Pigs of the best blood. Address **JOHN B. POYNTZ,**
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the best of all the Weeklies, three months "on
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LIFE ILLUSTRATED.—We have previously called attention to this excellent publication; it is worth far more to any family than any other literary paper. Instead of diminishing, it increases in interest with every issue, and we most cheerfully recommend it to the public as one of the best family newspaper in the country.—[Southern Teacher.

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SURGEON DENTIST,**
No. 59 North Fifth street, between Olive and Locust,
ST. LOUIS, MO.

The natural Teeth will receive all the care of which they are susceptible, by the operations of Cleansing and Filling with Gold to insure them from loss,—or Extracting when useless from decay. The teeth of children carefully attended to.

Artificial teeth inducted by various methods, on pivots on the natural roots, on atmospheric pressure, suction, clasp, or springs,—on solid silver, platinum, porcelain, aluminium, gutta percha, or in any desired way, to suit the inclinations, the purse and the pleasure of those who may require.

Fifteen years of active practice in this city and the city of New York, will warrant me in saying that the whole resources of the Art will be employed in the just perfecting of any work entrusted to me. Marly.

Dr. Urban's Inebriates's Hope.

A cure for Intemperance, Delerium Tremens, and Neuralgia. One package will cure an ordinary case of intemperance; two packages will cure the most inveterate drunkard of all desire for alcoholic drinks. \$1.50 enclosed by mail to Raymond & Patton, 74 Fourth street, Louisville, Ky., will insure the return by mail of one package, four packages for \$5, postage free. Explanatory circulars, together with prominent references in all parts of the Union, sent gratis on application as above.

PETER & BUCHANAN,

(Successors to Munn & Buchanan.)

DEALERS IN

**HORSE POWERS, THRESHING MA-
CHINES, & FARM IMPLEMENTS**

OF ALL KINDS.

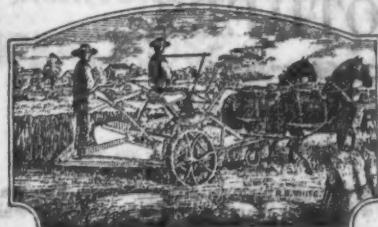
Garden and Grass Seeds, Lime, Hydraulic Cement, Plaster, Potatoes, Apples and Fruit, CHAIN PUMPS AND PUMP FIXTURES, 484 MAIN STREET, Louisville, Kentucky.

For Harvest of 1857.

Manny's Improved Reaper and Mower, two horses, \$150
" " " " " four horses, 160
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Horse Powers or Threshers furnished separately.
All letters of enquiry promptly answered.

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NEW SEED AND AGRICULTURAL WAREHOUSE.
On Sixth street, between Main & Market sts.
LOUISVILLE, KY.



In addition to the manufacture and sale of MANNY'S IMPROVED PATENT COMBINED MOWING and REAPING Machines, at my old stand on Sixth street near Main, I have opened a general

Seed and Agricultural Warehouse, where may be found all the articles usually kept in similar establishments, consisting in part of the following: Manny's Combined Mowing and Reaping Machine, with all the improvements; Horse Powers and Threshers, Straw Cutters, Corn Shellers, Wheat Fans, Clover Mills, Plows of various kinds, Harrows, Cultivators, Horse Rakes, &c., &c. Also Scott & Hedges' Little Giant Corn and Cob Mills of the various sizes, and also their new Patent Steam Boilers.

SEEDS.

I have also a complete assortment of fresh and genuine Garden Seeds, at retail or by the box, at a liberal discount to merchants. Also Grass Seeds, embracing Clover, Orchard Grass, Timothy, Red Top and Millet Seed: Also Kentucky Blue Grass, Cleaned in a superior manner: Chinese Hemp Seed, Osago Orange Seed, Osago Orange plants, &c., &c.

Also FRUIT TREES: Brooks' New Seedling Strawberry Plants. Chinese Sugar Cane Seed sent in packages by mail.

H. B. HOWARD.

SIGERSON'S
SEED & STORE

& AGRICULTURAL WAREHOUSE, Corner of Broadway and Wash Streets, St. Louis. THE undersigned beg leave to acquaint their numerous customers in the West, that they will have for sale this spring, the largest and best selected stock of

Field, Garden and Flower Seeds, ever offered for sale in this market; and to which will be added a large and complete stock of

AGRICULTURAL IMPLEMENTS, Embracing every conceivable variety likely to be wanted by Farmers and Gardeners. They pledge themselves that their stock for the Spring has been selected from the most reliable manufacturers in the East, and with unusual care.

They flatter themselves that their experience in Agriculture and Horticulture, has enabled them to make such selections as will give the most entire satisfaction to their customers. JOHN SIGERSON & BRO.

Agricultural and Horticultural Books.

THE undersigned take pleasure in stating to their former patrons and the public generally, that they have now on the way from the East, by Express, the most full, complete, and best selected stock of Agricultural Books ever offered in the West. A Descriptive Catalogue of Agricultural Implements, Field, Garden, Flower seeds, Agricultural and Horticultural Books, &c., will be forthcoming in a few days, and will be furnished to all post paid applicants free of charge.

Jan'57. JOHN SIGERSON & BRO.
Corner of Broadway and Wash st., St. Louis, Mo.

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The firm of Stewart & Sons having dissolved partnership now offer for sale their Nursery and Nursery grounds, near Hannibal. The Nursery is young and in a prosperous condition. The location is one of the best in the State, being two miles West of Hannibal, on the Hannibal and St. Joseph Railroad and at the junction of two plank roads, the main traveled roads through the country. There is growing on the grounds over One Hundred and Sixty Thousand Trees, the most of which will be three and four years old next spring. The business is large and rapidly increasing and no competition. We offer to sell low. For further particulars address,

W. M. STEWART & SONS.

No. 7 2nd Hannibal, Mo.

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MANUFACTURER AND DEALER IN

STOVES.

Charter-Oak, Golden Era, and other select patterns—also, Parlor and Shop Stoves, Parlor and common Grates, Sugar Kettles, Dog-irons, &c. Also—

PLOWS.

Moline, Peoria, Diamond and other patterns for Prairie Breaking, or Fallow; also, Contractor's Iron Plow, for Railroads.

[Ja.'56, 1y.



HEDGING.

We have about 100 acres planted to Osago Orange in Western Missouri, Iowa, Nebraska and Kansas. Will make hedge fences upon a principle entirely new, that will succeed with or without trimming, possessing five important advantages over the usual system, viz: suffering no injury if frozen down every winter, neither if fire ran through it. Protect stock better against the cold winds, and all the expenses semi-annually, trimming saved. Also not so liable to thin out at bottom. Our nurserymen are authorized to sell plants at \$5 per 1000. The purchaser will be furnished directions for planting upon the above principle; also any person wishing hedging done should let the nurseryman know it, that we may see them when we come. We will take in payment where the amount is sufficient to justify it, horses, mules, jacks, jennets, sheep, &c. Plants may be set any time from the falling of the leaf in autumn to the bursting of the bud in Spring. We design planting nurseries in every county and settlement (where thought practicable) in the States and Territories above named, and northern Texas. Will take contracts to hedge when ten miles or over can be had in the same vicinity. Also hedge for part of the land with or without the land being previously enclosed.

Address JOHN D. THOMPSON.
Rural, Jasper Co., Mo.

**SOUTH-WESTERN
SEED AND AGRICULTURAL WAREHOUSE,
PITKIN BROTHERS,
NO. 515 Main Street,
LOUISVILLE, KENTUCKY,**

KENTUCKY BLUE GRASS SEED.—We are prepared to furnish, in any quantity, Fresh and Genuine Blue Grass Seed, separated from the stem in a superior manner by a new process, which divests it of much of the chaff, and enables a given quantity to cover nearly three times as much ground as the seed usually sold in market.

OSAGE ORANGE SEED.—We are the largest dealers in the United States, in Osage Orange Seed. One of our firm devotes his whole time and attention to this particular branch of our business, and we presume "Pitkin's Osage Orange Seed" is too well known to need further comment. Pamphlets, giving all necessary information respecting planting the seed and growing the hedge, furnished to all applicants.

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List of Seeds, &c., which we Deal in largely:

KENTUCKY BLUE GRASS,
ORCHARD GRASS,
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TIMOTHY,
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OSAGE ORANGE,
MILLET,
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MOWERS and REAPERS,
STRAW CUTTERS,
CORN SHELLERS,
WHEAT FANS,
CORN PLANTERS,
GRAIN DRILLS,
CHAIN PUMPS.

CORN MILLS,
CORN and COB CRUSHERS,
AGRICULTURAL FURNACES,
MEAT CUTTERS,
SAUSAGE STUFFERS,
PLOWS, all sorts,
HARROWS,
CULTIVATORS,
WHEELBARROWS, &c., &c.

We are also agents for the sale of the celebrated

"LOUISVILLE HYDRAULIC CEMENT or WATER LIME."

Also on hand and for sale, WHITE SAND, CALCINED PLASTER, AGRICULTURAL PLASTER, WHITE LIME.

Pitkin Brothers,

 **SIGERSON' NURSERY.** 

The proprietors of this NURSERY, situated a short distance South of St. Louis, Mo., are prepared to furnish from their establishment a more extensive and better selected stock of

Fruit, Shade, Ornamental Trees and Shrubbery, than they have ever heretofore been able to supply, and feel no hesitation in saying that scarcely a demand can be made on them which they cannot supply of the finest quality of Trees, Shrubs and Plants, to enumerate which, would require a much larger space than could be allowed to advertisers, and therefore invite all in want of a supply, to forward their orders for Catalogues and Bills of Prices, which will be forwarded promptly to all postpaid applicants.

Parties intending to procure trees the coming Spring should send their orders forward as early as possible, so as to enable the proprietors to fill and deliver them at the earliest possible time in the spring.

All communications should be addressed to
JOHN SIGERSON & BRO.,

NURSERY.

JULIUS MALLINCKRODT, near Augusta, a Port on the Missouri River, St. Charles Co., Mo., has a large supply of Fruit Trees and Plants, for sale this season 1856-'57, consisting of

Winter Apples,	Peaches,	Apricots,
Fall do	Cherries,	Plums,
Summer do	Pears,	Oatalpas, &c.

Agency in St. Louis at the

MISSOURI SEED STORE AND AGRICULTURAL WAREHOUSE,

J. & A. LARGUE,

No. 4, North Main Street.

The Oriental Horse Charmer.

This valuable little Work on Raising, Breaking Training, Riding, Driving, Stabling, Feeding and Doctoring Horses, is daily being mailed to applicants in all parts of the United States. Send on your quarter for one, or \$1 for six copies, and you are sure to get it by return mail. Books on this subject containing no more, have been sold and are now selling for \$5 to \$10.

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NEW
AGRICULTURAL
WAREHOUSE

LANDRETH'S
WARRANTED
GARDEN SEEDS

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DAVID LANDRETH,

WHOLESALE AND RETAIL DEALER IN

Garden, Grass and other Seeds.
MACHINE, AGRICULTURAL IMPLEMENT AND TOOL.

No. 18 South Main street,
SAINT LOUIS, MO.



Manufactured at Landreth's Agricultural Works,
Bristol, Pa., and for sale in St. Louis, at his Ware-
house, only.

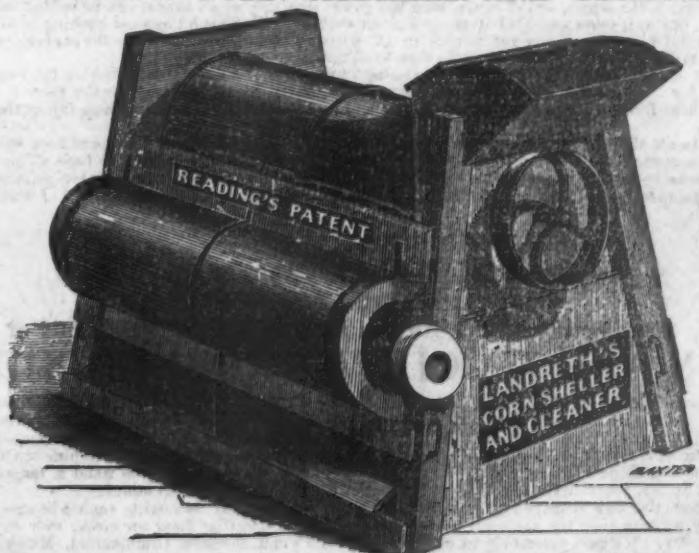
Farmers will take notice, this Sheller has Concave
Feeding Wheels and Bevelled Cogs, to prevent choking,
and are warranted superior to any other Hand Sheller
now in use.

Price \$28.00. A liberal discount to Wholesale Pur-
chasers.

D. LANDRETH.

No. 18 South Main Street.

LANDRETH'S CORN SHELLER AND CLEANER



READING'S

This machine is truly extraordinary in its power and capacity, and will unquestionably work an important
change in the cost of preparing corn for market; and it is by no means too much to say, will save the farmers of
the great corn producing States Tens of Thousands of Dollars yearly. With a new one horse tread power, One
Hundred and Forty bushels of Ears have been shelled within an hour, not as an experiment, but as ordinary
labor. For sale only at

Price with Fan.....\$75 00
" without Fan.....\$60 00

LANDRETH'S AGRICULTURAL HOUSE,

No. 18 South Main street, St. Louis, Mo.

[Ja. '56]

M. G. MOIES & CO.,

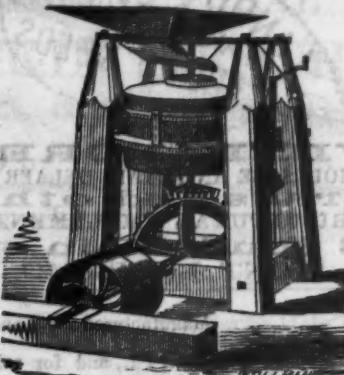
NO. 16

Main street,

ST. LOUIS, MO.

Sole Agents

FOR THE SALE OF



STRAUB'S CELEBRATED

CORN AND WHEAT MILL QUEEN OF THE SOUTH.

PATENTED JUNE 27, 1854.

This remarkable Mill has been kept secured to the inventor by caveat—recently, however (27th June, 1854)—Letters Patent for the United States have been granted, securing the invention for 14 years. This Mill has sustained itself wherever it has been brought into competition with other Mills. It was run against the other make of Mills of our city at the Ohio State Fair, in 1850, when it drew a Diploma as the best Corn Mill and was awarded a fine silver medal.

Of these mills we manufacture five sizes for corn, and three expressly for grinding wheat flour.

The peculiar novelty of this mill is, the under stone is the running stone, in all cases. There is no limit to the speed, and as speed is everything in grinding, it will out-grind any upper runner in the world.

Secondly: By this arrangement, we are enabled to get grain into the Mill with a very small eye; consequently we grind nearer to the centre, and of course with less power than any upper runner can be made.

Thirdly: Our mill takes any kind of grain without choking. We warrant against choking in all cases. This is a great vexation, causing delay and trouble in all Mills where the upper stone is the runner. Of course, we mean small mills, where the motion must be high to do much business.

Fourthly: Our Mills never take injury by running empty—the under stone not touching the upper one, no injury can be done. This is an important advantage over all Mills whose upper stone is the runner. Ten minutes running without feed—where a heavy runner is balanced on a rync—will do the Mill more injury than six months proper using.

Fifthly: In all Mills where the upper stone is the runner, there is often much trouble to keep the bush properly oiled; if neglected, the Mill must take injury. Our mills are free of this, because we have no bush in the Mill. We have a bearing entirely above all the stones, in sight, and can be oiled at any time when grinding.

We manufacture our Mill stones of the best French Burr Blocks the market affords, all of which we warrant superior.

M. G. MOIES & CO.,

NO. 16 MAIN STREET, ST. LOUIS, MO.,

Manufacturers and Agents for the Sale of All Kinds of IRON AND WOOD WORKING MACHINES.

Keep constantly on hand, LATHES that swing from 8 inches to 7½ feet. PLANERS that plane from 2 to 30 feet long and from 18 inches to 8 feet wide. Hand Lathes and Drills of every description. Every kind of tool for Wood Work. Planing Machines, Sash Moulding Machines, Tenoning and Mortising machines,—Worthworth's, Norcross', Daniel's, Nye's and Farrar's Planers; in fact every Tool that is used in a Machine or Carpenter Shop.

We also furnish Flouring Mills and Distilleries complete; and have constantly on hand a large assortment of French Burr Stones, Portable Corn and Wheat Mills that we warrant to excel all others.

Portable and other Saw Mills run by steam, water or horse power. Our Saw-mills cannot be excelled, and the large variety we keep gives the purchaser a decided advantage in selecting from our stock, over any other in the Western country. We have constantly on hand Page's, Child's and Norcross' Combination, Muley, and King of the Wood, and the Sash Saw-mills, and Shingle machines.

Also an extensive assortment of ENGINES, capacity from 3 to 100 horse power, and the most complete Portable Engines ever made in the West. And as for Pumps we cannot be beat in variety and quality; we keep those adapted to mining, Pork Houses, Railroads, Distilleries, Mills, &c. Leather and Rubber Belting and Packing.

The great advantage the purchaser has in buying of us is, that he can get everything he wants to start any kind of a mill in 24 hours after we get the order; which saves him the trouble of looking up the different parts, often to the great annoyance of the purchaser. And as we WARRANT everything we sell, the purchaser has only one party to look to for redress in case anything is wrong.

Aug. 5.

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CHICAGO AGRICULTURAL WORKS, WAREHOUSE AND SEED STORE,

NO. 204 LAKE STREET, CHICAGO, ILL.



EMERY'S PATENT CHANGEABLE RAILROAD HORSE POWERS, THRESHERS AND SEPARATORS, AND THRESHERS AND WINNOWERS.

Circular & Cross Cut Saw Mills,

PORTABLE GRAIN AND GRIST MILLS;

FELTON'S PATENT GRAIN AND FEED MILL;

GRAIN DRILLS, SEYMOUR'S, PENNOCK'S, MOORE'S, &c.

WHEEL CULTIVATORS, Ides', Rogers' and others.

CLOVER HULLERS, CRAWFORD'S PATENT;

DO DO MANFIELD'S DO

Cider Mills, Emery's and Hickok's.

HARROWS,	GEDDES' AND SCOTCH,
CORN SHELLERS	SMITH'S PATENT POWER SHELLER,
DO DO	READING'S DO DO DO
DO DO	ALL VARIETIES OF HAND DO
FANNING MILLS	MONTGOMERY FAN,
DD DO	GRANT'S PATENT, Six Sizes:
DO DO	EAGLE FAN.

HAY AND STRAW CUTTERS, A LARGE ASSORTMENT.

PLOWS

BREAKING AND STIRRING.

With a full assortment of

MACHINERY, AND IMPLEMENTS, &c.,

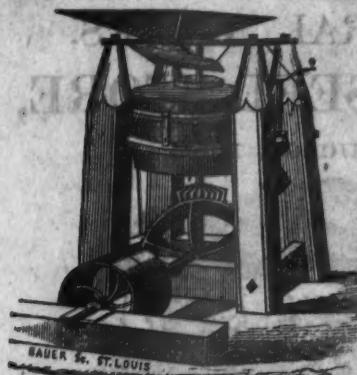
SEEDS, GRAIN, &c.

Wheat, Rye, &c., for Fall Sowing. Clover, Timothy, Blue Grass, R. Top, &c., &c.,
For Sale at

CHICAGO AGRICULTURAL WAREHOUSE AND SEED STORE,

204 LAKE STREET, CHICAGO, ILLINOIS.

HENRY D. EMERY & CO.



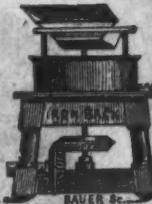
G. & C. TODD & CO., MILL FURNISHERS

NO. 12 NORTH MAIN STREET



Corner of Morgan street,

SAINT LOUIS, MO.



TODD'S IRON BACK MILLS.

The construction of this Mill is simple and very durable. There is no complication in any part of it. The Stones are adjusted and operated in the same manner as in ordinary flour mills. The Mill can be entrusted with safety to the charge of any careful hand, and cannot fail to give entire satisfaction.

Todd's Improved Pressure and Self-regulating Mills.

These Mills are in extensive use, and are highly commended. Their construction is the same as the Iron Back Mills, differing only in the substitution of Pressure for weight of Runner. The weight of the Runner is sufficient for ordinary grinding, say from six to eight bushels per hour. When desired to do more, the Pressure applies to the extent required for the increased feed. It graduates and applies itself.

TODD'S CHALLENGE.

Seimer's Patent, 1856. Largest Size Three Feet.

The under Stone of this Mill revolves.

For more than fifteen years we have been engaged in manufacturing these Mills, closely observing their performance, with a view to making such improvements as our experience might suggest. And now, we believe our Mill is the best of the kind in use. They are made with great care, and the distribution of metal throughout the whole arrangement is made with a view to strength and durability.

The principal objection to mills with the under stone for runner, is, First, the difficulty of keeping the stones in TRAM. Second, the stones being confined between unyielding points, rendering it difficult to discharge, without risk of breaking, harder substances than grain; for instance, nails, &c., that might, and which often do, fall between the stones. The first, we have overcome by a simple arrangement of adjusting screws at four equi-distant points in the bed plate, and corresponding screws in the upper rim of the frame in which the upper stone is secured. The screws are convenient of access, and the stones can be brought to a true level or Tram with ease and accuracy. The second and most serious objection is obviated by the application of Elastic Springs at four equi-distant points, so arranged as to receive the entire resistance of the stones in their grinding operation, and to yield for the discharge of hard substances with facility, and without risk to the mill. These springs are durable and do not add to the complication of the machinery.

BELTING.

For four years we have been manufacturing this article. One of the firm is an experienced and skilful workman, who gives his personal attention and labor to this department; every foot of belting passes through his hands, and if not suitable is condemned. Our machinery is of the most approved kind, and our leather is tanned in whole hides, selected expressly with reference to its fitness for belting.

Rubber Belting Hose and Steam Packing.

We are the only agents of the Boston Belting Company in this city, for the sale of these goods.

French Burr Mill Stones.

To this department of our business we have been to great expense in obtaining the best material produced by the quarries in France. Our stock is selected at the quarries, by one of the firm, who spends a portion of his time there. In selecting for our Portable Grain Mills the best article is obtained, without regard to cost. Our stock is always large.

BOLTING CLOTH.

This article, so difficult to obtain of superior quality, is made expressly for us. Our orders are in the hands of the manufacturers a year in advance, that they may have time to select the best material (Silk) and employ their most skilful workmen, that they may produce the quality we want. We refer to the mill owners in the country, and especially in this city, respecting this article.

PRICES OF CHALLENGE AND GRAIN MILLS.

20 inch Pully Mill,.....	\$150	Geared,.....	\$165	PRICES OF PRESSURE MILLS.
24 " " "	165	"	200	2 feet, with Pully,.....\$145—Geared,.....\$165,
28 " " "	200	"	225	2½ " " " 185 " 210
30 " " "	225	"	250	3 " " " 235 " 275
36 " " "	275	"	310	3½ feet Mills, heavy Runner, Pinley, \$300—Geared \$350

PRICES OF IRON BACK MILLS.

2 feet Grain Mill, with Pully, \$135—Geared, \$160. 2½ feet Grain Mill with Pully, \$175—Geared, \$200.

3 feet, with pulley, 225—Geared, \$265.

Terms for Small Mills, 4 months City acceptance, or 5 per cent discount for cash.

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FRUIT AND ORNAMENTAL TREES!!

An Abridged List of Fruit and Ornamental Trees Offered for Sale by
M. G. KERN, at the ST. LOUIS NURSERIES.

APPLES.

Price of Standard Trees \$20 per 100, or 25cts each. Dwarf Trees on Paradise or Doucain Stocks, 50 cts. each.
CONSISTING OF THE FOLLOWING AND OTHER GOOD SORTS.

SUMMER.

Red Astracan,
Carolina Red,
Early Harvest,
Summer Rose,
Summer Queen,
Sweet Bough,
American Pearmain,
Keswick Codlin,
Early Strawberry,
White June-eating.

AUTUMN.

Rambo,
Fall Pippin,
Porter,
Maidens Blush,
Drop d' Or,
Jersey Sweeting,
Gravenstein,
Pumpkin Sweet,
Belmont,
Hawley,

WINTER.

Jeneton (Rawles Janet),
Yellow Bellflower,
White Bellflower,
Newtown Pippin,
Smith's Cider,
Rome Beauty,
Pryore Red,
Newtown Spitzenberg,
American Golden Russett,
White Winter Pearmain,

Roxbury Russett,

Northern Spy,
Baldwin,
Wine Sap,
Raman Stem,
Willow Twig,
Peck's Pleasant,
Westfield Sock-no-further,
Jonathan,
Broadwell Sweeting,
Fallawater,

PEACHES.

Price \$20 per 100, or 25 cents each.

Old Nixon Free,
Cooledge's Favorite,
Heath Cling,
Baltimore Rose,
Honest John,
Smock's Free,

Orange Cling,
Yellow Rarripe,
Large Early York,
Grosse Mignonette,
Royal Kensington,
New York Rarripe,

Royal George,
Noblesse,
Columbia,
Heath Free,
Monstrous Free,
Troth's Early,

PEARS.

Price of Standard and Dwarf Trees, 50 to 75 cents each.

SUMMER.

Bartlett,
Dearborn's Seedling,
Madeleine,
Tyson,
Rostizer,
Bloodgood,
Osband's Summer,
FALL.
Beurre Rose,

Beurre Diel,
Beurre d' Amalis,
Dix,
Beile Luctrative,
Duchesse d' Angouleme,
Flemish Beauty,
White Doyenne,
Fulton,
Louise Bonne de Jersey,
Napoleon,

Oswego Bourre,
Swan's Orange,
Steven's Genesee,
Seckel,
Urbaniste,
Washington,
Pratt,
Easter Beurre,
Beurre Langelier,

Columbia,
Glout Moreau,
Passe Colmar,
Winter Nelis,
Pound,
Vicar of Winkfield,
Buerre d' Aromberg,
Lawrence,
Doyenne Goubaul,
Chamontel.

CHERRIES.

Price of Standard Trees on Mazzard stocks, or Dwarf trees on Mahaleb stocks, 50 to 75 cents each.

Early May,
American Amber,
Bauman's May,
Black Heart,

Black Eagle,
Coe's Transparent,
Downer's Late Red,
Early Purple Guigne,

Governor Wood,
May Duke,
Black German,
Black Tartarian,

Napoleon Biggarreau,
Rockport Biggarreau,
Late Duke,
Belle de Choisy.

PLUMS.

Price of Standard and Dwarf trees, 50 to 75 cents each.

Coe's Golden Drop,
Emperor,
Green Gage,

Imperial Gage,
Washington,
Magnum Bonum,

Jefferson,
German Prune,
Lombard,

Columbia,
Smith's Orleans,
Duane's Purple.

All the Best Sorts of APRICOTS, QUINCES and NECTARINES. (Price 50 cents each.)

ORNAMENTAL DEPARTMENT. shade, Park and Street Trees,

Price, 50 cents to \$1.

Silver Leaved Maple,
Sugar Maple,
Tree of Heaven,
Catalpa,

Elm, various kinds,
Ash, European and weeping kinds,
Larch,

Silver Leaved Poplar,
Lombard Poplar,
Weeping Willow,
Tulip Tree,

Mountain Ash,
White Birch,
Deciduous Cypress,
Linden, &c., &c.

Norway Spruce,
White Spruce,

Arborvitae,
White Pine,

Scotch Pine,
Red Cedar,

Balsam Fir,
Austrian Pine,

Tree Box,

Dwarf Box for edging,

Evergreen Thorn,

Eunonymus Japonica,

All articles to be sent to a distance will be carefully labeled, and packed in the best possible manner, for which a moderate charge will be made to cover cost. They will be delivered free of charge at any Railroad Depot or on board of any Steamboat in St. Louis, but from the time of such delivery they will be at the risk and expense of the purchaser. I will receive orders at the VALLEY FARMER OFFICE in St. Louis, or at my Nurseries, five miles West of the city. Orders must be accompanied with the Cash, or an acceptance from some reliable person in the City given.

M. G. KERN,

ST. LOUIS AGRICULTURAL WORKS, WAREHOUSE AND SEED STORE.

ESTABLISHED 1845, BY WM. M. PLANT.

CLARK, PLANT & NORRIS,

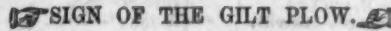
(SUCCESSORS TO WM. M. PLANT & CO.,)

MANUFACTURERS OF AND WHOLESALE AND RETAIL DEALERS IN

Agricultural Machines and Tools,

IN ENDLESS VARIETY; ALSO

GARDEN, GRASS AND OTHER SEEDS.

 SIGN OF THE GILT PLOW.

No. 14 North Main Street, between Market and Chesnut streets.,

ALSO, NO. 203, NORTH FOURTH ST., OR 218, BROADWAY,

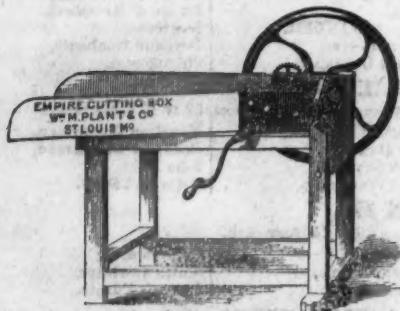
between Morgan Street and Franklin Avenue.

MANUFACTORY, NORTHWEST CORNER OF MAIN AND BIDDLE.

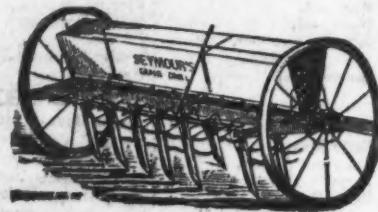
ROLLIN CLARK,
WM. M. PLANT, }

St. Louis, Mo.

{ A. B. NORRIS,
J. F. SMITH,



Empire Hay, Straw & Corn Stalk Cutter.



WHEAT DRILL AND BROADCAST
SEED SOWER.

Descriptive Circulars furnished gratis.

CONSTANTLY ON HAND AND FOR SALE,
LEVER & RAILROAD HORSE POWERS
THRESHERS with SEPARATORS,
THRESHERS with CLEANERS.
MOWERS and REAPERS,
STRAW and HAY CUTTERS,
CORN SHELLERS,
PLOWS, HARROWS,
CULTIVATORS,
CIDR MILLS.
FAN MILLS,

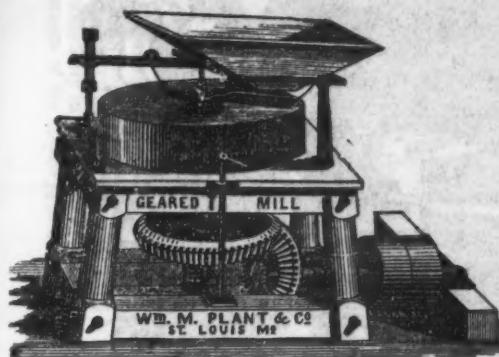
AGRICULTURAL BOOKS,
TIMOTHY SEED,
CLOVER “
RED TOP “
BLUE GRASS “
HEMP “
MILLET “
CANARY “
GARDEN and FLOWER SEEDS,
BIRD CAGES, &c.

CHINESE SUGAR CANE AND CHINESE HEMP SEED.

 Our Descriptive Catalogue furnished gratis on application at warehouses, or by mail, when five cents are sent to pay the postage.

CLARK, PLANT & NORRIS.

BURROW'S PATENT GRIST MILL.



THESE Mills are composed of the best quality of French Burr Blocks, enclosed in a Cast Iron Case to give strength and weight to the Stone which is indispensable in small Mills, where the stone is run with great speed, and becomes dangerous if not strongly made.

They can be run with Steam, Horse, or Water Power and do not require a millwright to set them up, as they are already trimmed to run.

By the steady application of Three Horses on a good Lever Power, the 24 inch geared Mill (\$150) run 240 revolutions per minute—will grind from 5 to 8 bushels of good meal per hour, and will grind Wheat as well as Corn. The 30 inch Mill, if put to its fullest speed, will grind from 10 to 15 bushels per hour.

We have been agents for these superior Mills since 1852, and all have been sold on a warrant to perform as above, and not one has failed to give the very best of satisfaction.

We offer them to the public with a full guarantee that they are superior both in point of work and workmanship, to any other Portable Grist Mill now in use.

Descriptive circular furnished gratis to applicants.

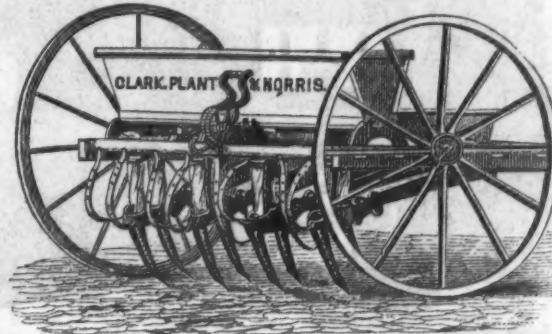
PRICES.

20 inch Stone with Pully	\$115 00	with Gear	\$125 00
24 " "	135 00	" "	150 00
30 " "	175 00	" "	200 00
36 " "	225 00	" "	250 00

The 30 inch, with Gear, is admirably adapted to use with Saw Mills. Bolting Cloth and Belt furnished with Mills when desired, by

CLARK, PLANT & NORRIS.

SELBY'S PATENT WHEAT DRILL AND BROADCAST SEED SOWER.



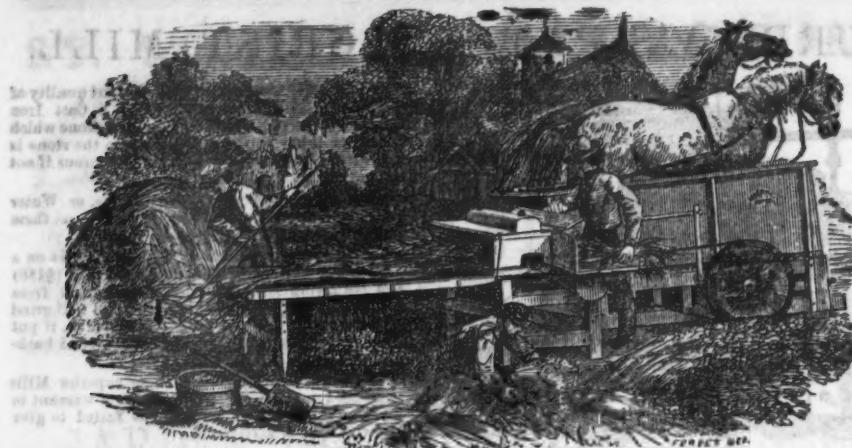
MANUFACTURED BY CLARK, PLANT & NORRIS, ST. LOUIS, MO.

Owning the exclusive right for the manufacture of this superior Drill for Missouri, Arkansas, Louisiana, Mississippi, Tennessee, Kentucky, Nebraska and Kansas Territories; also having the right to sell in any of the States and Territories, we are now manufacturing 500 for the fall sales of 1857, and would advise all who are in want of a first rate Drill, to order early to insure being supplied.

This Drill took the first premium and Diploma at the St. Louis Agricultural and Mechanical Association, and the Illinois State Fair in the fall of 1856, and all the fairs where exhibited.

Descriptive Circulars, showing the advantages to be gained in drilling all small grain, furnished gratis.

Price of Drill complete, with Seed Sower attached, \$90. Terms half cash, balance approved note, due 1st January following purchase, or \$85 cash on delivery.



Emery's Patent Changeable Railroad Horse Powers,

THRESHERS, SEPARATORS, SAWS, FAN MILLS, &c.

GRAIN DRILLS, of Superior Construction, FIELD ROLLERS, in sections of cast iron. HARROWS, PLOWS, CORN SELLERS, CLOVER HULLERS, HAY PRESSES, &c., &c.

With a complete stock of

AGRICULTURAL AND HORTICULTURAL TOOLS AND SEEDS,

Both for Farm and Garden, all on the most approved terms; at Wholesale or Retail, at the

CHICAGO AGRICULTURAL WAREHOUSE AND SEED STORE,
204 LAKE STREET, CHICAGO, ILLINOIS.

Sept 21

HENRY D. EMERY & CO.



LOGAN SLEEPER, Louis, Mo. St.

W. M. LINDLY, St. Jacobs, Ill.

SLEEPER & LINDLY

Will continue the business of

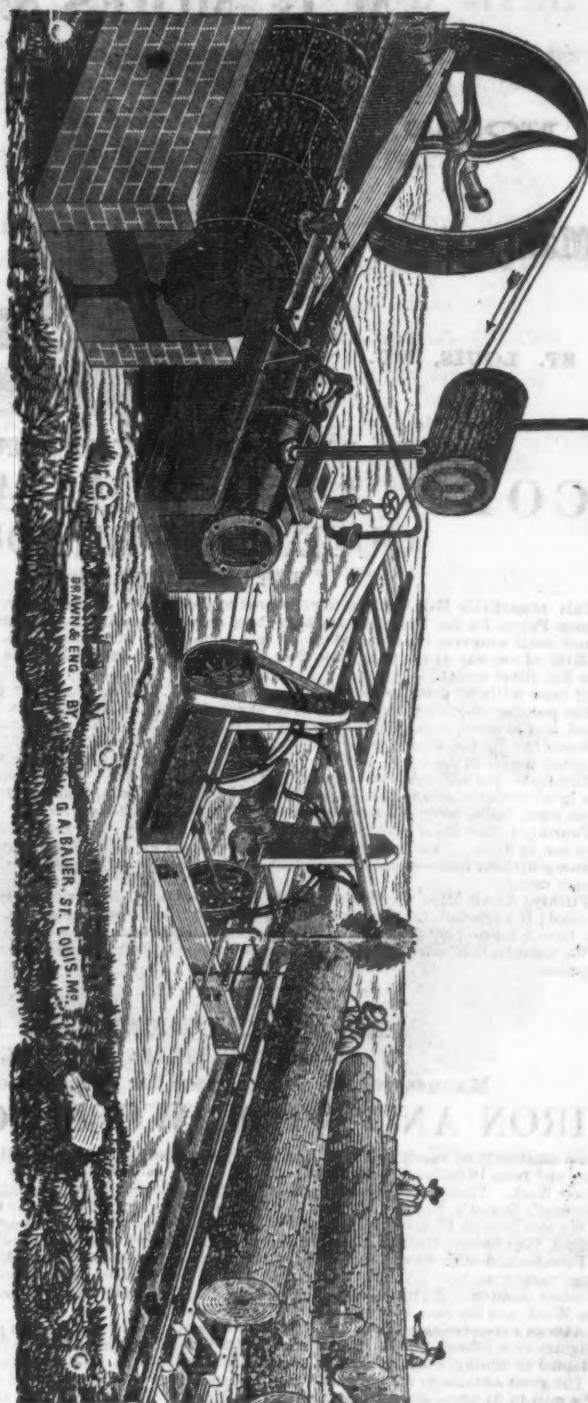
SETTING AND GROWING HEDGE FENCES.

We will give due attention *personally*, and by *carefully appointed* agencies, wherever can be had quantities to justify.

Having well matured our plans, and united permanently, we intend our performances shall be thorough and faithful, and insist upon being considered **RESPONSIBLE** and **ABIDING**. Our terms shall be reasonable and uniform. Please write us for circulars.

Particular attention given to the resuscitation and completion of old, neglected Hedges. Osage Orange Seed and Plants, good and fresh, always on hand in proper season. Printed instructions accompany them when desired.

[May 1857-3y.



**PAGE'S PATENT
PORTABLE CIRCULAR SAW MILL,**

WITH STEAM POWER THESE MILLS are capable of sawing from THREE to EIGHT Thousand feet of lumber in a day, varying according to the power applied and kind of timber sawed. With Horse Power, are capable of sawing from ONE to TWO thousand feet per day, according to the kind of timber sawed, and with either Steam, Water, or Horse Power, will saw more lumber and in a better style, than any other kind of mill now in operation. With the CHILD PATENT DOUBLE MILL, any sized timber can be sawed. The simplicity in their operations, durability and adaptation of these Mills to the wants of the country, and successful practical operation of those in use,

together with their becoming almost entirely used, has been the means of establishing their great reputation.

With our experience for the past ten years in making these Mills, and with improvements and increased facilities in manufacturing, we offer them to the public with the fullest confidence of their superior advantages over all others. Having the right of manufacturing for a large portion of territory West and South, we can furnish either the SINGLE or DOUBLE Mill as preferred, for Steam, Water or Horse Power.

Orders respectfully solicited, and any further information cheerfully given.

PHOENIX FOUNDRY, Corner of Second and Cherry Sts. St. Louis.

M. G. MOIES & CO.,

NO. 16

Main street,

ST. LOUIS, MO.



ARE

Sole Agents

FOR THE SALE OF

STRAUB'S CELEBRATED CORN AND WHEAT MILL QUEEN OF THE SOUTH.

PATENTED JUNE 27, 1854.

This remarkable Mill has been kept secured to the inventor by caveat—recently, however (27th June, 1854)—Letters Patent for the United States have been granted, securing the invention for 14 years. This Mill has sustained itself wherever it has been brought into competition with other Mills. It was run against the other make of Mills of our city at the Ohio State Fair, in 1850, when it drew a Diploma as the best Corn Mill and was awarded a fine silver medal.

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Secondly: By this arrangement, we are enabled to get grain into the Mill with a very small eye; consequently we grind nearer to the centre, and of course with less power than any upper runner can be made.

Thirdly: Our mill takes any kind of grain without choking. We warrant against choking in all cases. This is a great vexation, causing delay and trouble in all Mills where the upper stone is the runner. Of course, we mean small mills, where the motion must be high to do much business.

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We also furnish Flouring Mills and Distilleries complete; and have constantly on hand a large assortment of French Burr Stones, Portable Corn and Wheat Mills that we warrant to excel all others.

Portable and other Saw Mills run by steam, water or horse power. Our Saw-mills cannot be excelled, and the large variety we keep gives the purchaser a decided advantage in selecting from our stock, over any other in the Western country. We have constantly on hand Page's, Child's and Norecross' Combination, Muley, and King of the Wood, and the Sash Saw-mills, and Shingle machines.

Also an extensive assortment of ENGINES, capacity from 3 to 100 horse power, and the most complete Portable Engines ever offered in the West. And as for Pumps we cannot be beat in variety and quality; we keep those adapted to mining, Pork Houses, Railroads, Distilleries, Mills, &c. Leather and Rubber Belting and Packing.

The great advantage the purchaser has in buying of us is, that he can get everything he wants to start any kind of a mill in 24 hours after we get the order; which saves him the trouble of looking up the different parts, often to the great annoyance of the purchaser. And as we WARRANT everything we sell, the purchaser has only one party to look to for redress in case anything is wrong.

Aug. 31.

LITTLE GIANT CORN AND COB MILL

AND
Agricultural Implement Warehouse

175 and 177 MAIN STREET, opposite the Virginia Hotel.

SAINT LOUIS, MO.

JAMES B. CHADWICK

Keeps constantly on hand a general assortment of

Farming Implements,

And respectfully solicits the patronage of those desiring such. Is also proprietor in the West for the

'Little Giant Mill.'

Agent for HEDGES' CHINESE SUGAR CANE MILL, STEAM BOILER, SCOTT'S CRESCENT MILL, Etc., Etc.

MOWERS and REAPERS,
HORSE POWERS,
THRESHERS and SEPARATORS,
STRAW CUTTERS,
SELLERS,
FORKS,
SCYTHES and SNATHS,
CRADLES,

PLOWS and CULTIVATORS,
HARROWS,
SHOVELS and SPADES,
CHURNs,
HAND and HORSE RAKES,
GARDEN TOOLS,
MORTICING MACHINES,
POST AUGERS,

And other economical and labor-saving Machines and Tools.

500 Bushels of Choice Northern Seed Buckwheat. 100 bushels Shepherd Improved White Flint Corn, very superior for Seed, with which other varieties will not hybridize, for sale by

J. B. CHADWICK:



**EMERY'S PATENT
Changeable Railroad Horse Power
THRESHER, SEPARATOR SAW, &c.**

The subscriber is now sole agent for the above celebrated Machines in St. Louis, to whom application should be made by parties wishing the GENUINE article. Persons living on or near the rivers convenient to St. Louis, or any Railroad leading from the latter place, can always be supplied on more favorable terms here than elsewhere.

A Circular containing price and description will be forwarded gratis to applicants by

JAMES B. CHADWICK.

CHINESE SUGAR CANE.—A Circular of Instruction for Choice of Ground, Time and Mode of Planting, Cultivating, and Stripping the Chinese Cane, will be forwarded gratuitously to all applicants, by

JAMES B. CHADWICK,

Little Giant and Agricultural Implement Warehouse, 175 and 177 Main street, St. Louis.

TO SEEDSMEN, PLANTERS, &c.

Thorburn's Preliminary Wholesale Priced List of
VEGETABLE AND AGRICULTURAL SEEDS,
DUTCH BULBOUS ROOTS, DOUBLE DAHLIAS &c.

For the fall of 1857, is just published, and will be mailed to Dealers and others requiring Seeds in quantities, enclosing a stamp for return postage.

This year's Seeds, so far as have shed, are of prime quality, generally abundant, and prices correspondingly moderate

J. M. THORBURN & CO.,
SEEDSMEN, &c.

Sep. 3t

15 John street, New York.

HYACINTHS, TULIPS, DOUBLE DAHLIAS, &c., &c.

THE SUBSCRIBERS offer, this season, a more extensive assortment than usual of

DUTCH BULBOUS ROOTS, imported from the best Flower Nurseries of Europe, in the finest condition, and all first class Bulbs, embracing every desirable variety of

DOUBLE AND SINGLE HYACINTHS, adapted for house or outdoor flowering.

DOUBLE AND SINGLE TULIPS, Early and Late, of every shade and hue.

POLYANTHUS NARCISUS.

ROMAN NARCISUS, for EARLY winter blooming.

SINGLE NARCISUS.

DOUBLE AND SINGLE JONQUILLES.

CROCUS of all sorts, including very fine new named seedling varieties.

Crown Imperials, Fritillarias, Gladiolus, Iris,

Ixias, Lilies, Arums, Colchicums, with numerous other sorts of approved and tested value.

Catalogues of the above, with Descriptions and Directions for planting and managing, will be mailed to applicants enclosing a stamp.

HYACINTH GLASSES, BANCY CROCUS POTS, &c.

J. M. THORBURN & CO.,
SEEDSMEN, &c.,

Sep. 1t

15 John Street, New York.

SMALL FRUITS.

Strawberries, Raspberries, Currants &c. WE SOLICIT THE ATTENTION OF NURSERY-men, Dealers and Amateur fruit growers to our collection of the above fruits, the most extensive in quantity and variety ever offered in this country.

STRAWBERRIES—Upwards of 60 varieties, all fruited and tested on our own grounds—including the Hooker, Brighton Pine, Jonny Lind, Genesee, and all the best American sorts, and Triomph de Gant, Trollope's Victoria, and all the best foreign varieties.

RASPBERRIES—All the popular varieties, including the Orange, the best and most beautiful of its color. Also the superb new Autumnal or evergreen sorts, Marville de quatre Saisons and Belle de Fontenay.

CURRANTS—Upwards of 20 varieties, including the superb sorts, Cherry, White Grapes, Victoria, Prince Albert, &c., &c.

GOOSEBERRIES—A large assortment of the best English large sorts, and the American Seedling, which bears immense crops and is always free from mildew.

BLACKBERRIES—New Rochelle or Lawton, and High Bush or Dorchester.

We solicit orders for the above and all other Nursery articles, and pledge ourselves to give them our best attention.

The following Catalogues will be sent gratis to all who apply and enclose stamp to prepay postage:

No. 1—A descriptive Catalogue of Fruits.

No. 2—A Descriptive Catalogue of Ornamental Trees, Shrubs, Roses, &c.

No. 3—A Catalogue of Dahlias, Verbenas, Petunias, and new and select Green House and Bedding Plants, published every spring.

No. 4—A Wholesale Catalogue for Nurserymen, Dealers and others who purchase extensively.

See other advertisement.

J. M. THORBURN & CO.,
SEEDSMEN, &c.,

15 John Street, New York.

FRUIT AND ORNAMENTAL TREES FOR 1857.

ELLWANGER & BARRY beg to announce that they offer for the ensuing Fall Trade their usual extensive stock of Nursery articles, embracing

Standard and Dwarf Fruit Trees of all kinds.

Small Fruits, embracing the finest Currants, Gooseberries, Raspberries, Blackberries, Strawberries, &c.

Nuts, including Walnuts, Filberts, Chestnuts, &c.

Elmbar Linnaea, Victoria, &c., all the best.

Giant Asparagus, &c., &c.

Deciduous and Ornamental Trees for streets, parks, lawns, &c.

Weeping Trees, a great collection.

Evergreen Trees including upwards of half a million of Norway Spruce of all sizes, and a large stock of the gigantic WASHINGTONIA, and other California trees.

Flowering Shrubs, Roses, Green House, Border, and Bedding plants, Hedging Stocks and Seedlings of all sorts, &c., &c.

Nurserymen, &c., dealt with on the most liberal terms, and amateur's orders attended to with the greatest care. Packing done in the most thorough and skilful manner, and with the best materials.

For full particulars we refer to special advertisements and to the following Catalogues, sent gratis to all who apply and enclose a stamp for each.

No. 1—Descriptive Catalogue of fruits.

No. 2—Descriptive Catalogue of Ornamental Trees, Shrubs, Roses, &c.

No. 3—Catalogue of Dahlias, Green House and Bedding Plants.

No. 4—Wholesale Trade List.

ELLWANGER & BARRY.

9:1t Mount Hope Nurseries, Rochester, N. Y.

NEW YORK! NOW IN PRESS.

SORGHO AND IMPHEE.

The Chinese and African Sugar Cane.

A Complete Treatise upon the Origin, Varieties, Culture and uses; their value as a Forage Crop, and directions for making Sugar, Molasses; Alcohol, Sparkling and Still Wines, Beer, Cider, Vinegar, Paper, Starch and Dye-Stuffs.

Fully Illustrated with drawings of approved Machinery: with an Appendix by Leonard Wray, of Caffaria, and a description of his patented process for crystallizing the juice of the Imphee; with the latest American experiments, including those of 1857, in the South.

By HENRY S. OLcott.

To which are added translations of valuable French pamphlets received from the Hon. John Y. Mason, American Minister at Paris.

PRICE ONE DOLLAR.

Sent by Mail Post-paid. Orders taken immediately. Those first received will be first filled.

C. M. SAXTON & CO.

1t Agricultural Book publishers, 140 Fulton st., N. Y.

LACLEDE NURSERIES.

ALBERT A.

BARNARD,

DEALER IN

ALL KINDS OF



FRUIT AND ORNAMENTAL TREES, AND SHRUBBERY.

Roses of every description, Evergreens, &c., &c. Grown Three Miles West of city, on Clayton Road. OFFICE, at Plant's Seed Store, No. 203 North Fourth Street, and 218 Broadway, St. Louis, Mo.

9:12.

W. M. J. KEY, Wholesale and Retail Dealer in OSAGE ORANGE PLANTS, and BUILDER of HEDGES. Glasgow, Mo.

nd, ff.

GENESEE VALLEY NURSERIES!

Fruit Trees, Ornamental Trees, Shrubs, Roses, &c., &c.

The proprietors of these well known Nurseries have on hand a large and well-grown stock of **FRUIT TREES, ORNAMENTAL TREES, SHRUBS, ROSES, GREEN-HOUSE AND BEDDING PLANTS, DAHLIAS, PHLOXES, AND OTHER HARDY BORDERING PLANTS.**

The assortment of **ROSES** is very extensive, and embraces all varieties which could be obtained and which are considered worthy of cultivation. Our collection of **HYBRID PERPETUALS** is the most complete in the country.

The **GREEN-HOUSE DEPARTMENT** receives particular attention, and the stock of **Fuchsias, Geranium, and other Green-House Plants** is large and varied. In the

Fruit Department,

Our stock consists of

APPLES, of the leading varieties, Dwarf and Standard. **PEARS** of all desirable varieties, on Quince & Pear stock. **PLUMS**—A choice selection of well grown trees of popular sorts.

CHERRIES—All the popular sorts, Dwarf and Standard.

PEACHES—A choice assortment.

NECTARINES, APRICOTS and QUINCES, in variety.

GRAPES—A complete assortment of both native and foreign sorts, including many of recent introduction.

SMALL FRUITS.

CURRENTS—Twenty-five choice sorts, including many new varieties.

RASPBERRIES, GOOSEBERRIES, BLACKBERRIES & STRAWBERRIES of all new and approved varieties.

We have for the accommodation of **NURSERYMEN, STOCKS and SEEDLINGS**, including Apple, Pear, Plum, Cherry, Quince, &c., &c. Also **SEEDLINGS** of Evergreen Trees, including Norway Spruce, Balsam Fir, Scotch Pine, Austrian Pine, Larch and Hedge Plants.

Ornamental Department.

The stock of Ornamental Trees and Shrubs, both Deciduous and Evergreen, will be found to embrace all that is desirable among **Lawn and Street Trees and Shrubs. ROSES**, consisting of **Hybrid Perpetual and Summer Roses; Moss, Bourbon, Noisette, Tea, Bengal or China, and Climbing or Prairie Roses.**

HARDY HERBACEOUS or **Border Plants and BULBOUS FLOWER ROOTS**, an extensive assortment.

All the above will be disposed of at low rates, and on advantageous terms. For further details we refer to our full set of Catalogues, which will be mailed to applicants who enclose a one cent stamp, for each.

No. 1—Descriptive Catalogue of Fruits, &c.

" 2. do do Ornamental Trees.

Shrubs, Roses, &c.

" 3. do do Green-House and Bedding Plants, Dahlias, &c.

" 4. Wholesale Trade List for Nurserymen and Dealers.

Amateurs and others interested in Horticulture, are respectfully invited to visit our Show Grounds and Green-houses at 153 South Sophia street, a short distance from the central part of the city.

All communications to be addressed to

A. FROST & CO.,
Geneese Valley Nurseries,
Sept. 21. Rochester, N. Y.

Dr. Urban's Inebriates's Hope.

A cure for Intemperance, Delirium Tremens, and Neuralgia. One package will cure an ordinary case of intemperance; two packages will cure the most inveterate drunkard of all desire for alcoholic drinks. \$1.50 enclosed by mail to **RAYMOND & PATTON**, 74 Fourth street, Louisville, Ky., will insure the return by mail of one package, four packages for \$5, postage free. Explanatory circulars, together with prominent references in all parts of the Union, sent gratis on application as above.

TO NURSERYMEN.

STOCKS AND SEEDLINGS.

WE BEG TO ANNOUNCE TO THE PUBLIC That we are able to supply the following in large quantities, viz:

MAZZARD CHERRY Seedlings..... 1 year.

APPLE Seedlings..... 2 "

QUINCE from cuttings..... 1 "

HORSE CHESTNUTS..... 1, 2 & 3 "

ELM, American..... 2 & 3 "

BLACK WALNUT and BUTTERNUT..... 3 "

MAPLE, Silver and Scarlet..... 2 & 3 "

MAPLE, Sugar..... 1 "

MAGNOLIA, Acuminata..... 2 & 3 "

MOUNTAIN ASH, European..... 1 "

LABURNUMS..... 2 "

OAKS, Red and White..... 3 "

And many other articles, for which see other advertisement and Catalogues, Descriptive and Wholesale, which are sent gratis to all who apply and enclose stamps to prepay postage

ELLWANGER & BARRY,

no. 1. Mount Hope Nurseries, Rochester, N. Y.

NEW AND RARE ORNAMENTAL TREES.

MESSRS. ELLWANGER & BARRY solicit the attention of gentlemen who are interested in new and rare Ornamental Trees, to the follow, viz:

Kilmarnock Weeping Willow, with pendulous brown branches and large glossy leaves, an elegant tree.

American Weeping Willow—A beautiful small tree with a profusion of light, graceful, drooping branches and small, silver green foliage.

Rosemary Leaved Willow—A very striking tree with feathery branches, and bright silvery foliage.

Weeping Poplar—A remarkably graceful tree; the tremulous foliage and drooping habit combined, are quite expressive.

Cut-Leaved Weeping Birch—No other tree possesses, in every particular, so much lightness and elegance as this.

Purple-Leaved Sycamore—A very striking tree, having large, rich purple foliage.

Acuba-leaved Ash—Quite a novelty, having the leaves all profusely sprinkled with golden blotches.

Gold Striped Weeping Ash—A variety of the common weeping ash, with golden stripes and blotches on both foliage and branches.

Elms, Purple-leaved, Nettle-leaved Pyramidal, Huntingdon, and several other remarkable and beautiful species and varieties.

These are but a few of the many rare and fine trees which E. & B. now offer. In new and rare Shrubs, Rosies, Phloxes, and other popular classes of plants, their collection is equally rich.

For particulars they must refer to the following Catalogues, which will be sent prepaid to all who enclose one stamp for each: No. 1—Fruits. No. 2—Ornamental Trees. No. 3—Green House and Bedding Plants, Dahlias, &c. No. 4—Wholesale.

9.1. Mount Hope Nurseries, Rochester, N. Y.

WISNER'S PATENT WASHING



This Tub is easily worked, washes rapidly and well, and does not injure the fabric AS MUCH as hand rubbing. By its use every kind of wearing apparel, together with spreads, quilts and blankets, are easily and thoroughly cleaned, and the finest laces are washed without injury.

If you wish to lighten the labor and facilitate the process of washing, TRY ONE OF THESE TUBS.

County rights for sale.

For sale by T. M. EASTERLY,

Daguerrean, 71 S. E. cor. Fourth and Olive sts.

S. S. BRAINERD, No. 108 North Fourth street.

JOHN J. LOCKE, No. 105 North Fourth street.

WARNE, CHEEVER & CO., No. 29 Main street.

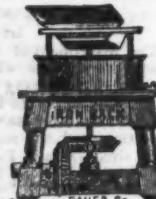


G. & C. TODD & CO., MILL FURNISHERS

NO. 12 NORTH MAIN STREET,

Corner of Morgan street,

SAINT LOUIS, MO.



TODD'S IRON BACK MILLS.

The construction of this Mill is simple and very durable. There is no complication in any part of it. The Stones are adjusted and operated in the same manner as in ordinary flour mills. The Mill can be entrusted with safety to the charge of any careful hand, and cannot fail to give entire satisfaction.

Todd's Improved Pressure and Self-regulating Mills.

These Mills are in extensive use, and are highly commended. Their construction is the same as the Iron Back Mills, differing only in the substitution of Pressure for weight of Runner. The weight of the Runner is sufficient for ordinary grinding, say from six to eight bushels per hour. When desired to do more, the Pressure applies to the extent required for the increased feed. It graduates and applies itself.

TODD'S CHALLENGE.

Seimer's Patent, 1856. Largest Size Three Feet.

The under Stone of this Mill revolves.

For more than fifteen years we have been engaged in manufacturing these Mills, closely observing their performance, with a view to making such improvements as our experience might suggest. And now, we believe our Mill is the best of the kind in use. They are made with great care, and the distribution of metal throughout the whole arrangement is made with a view to strength and durability.

The principal objection to mills with the under stone for runner, is, First, the difficulty of keeping the stones in TRAM. Second, the stones being confined between unyielding points, rendering it difficult to discharge, without risk of breaking, harder substances than grain; for instance, nails, &c., that might, and which often do, fall between the stones. The first, we have overcome by a simple arrangement of adjusting screws at four equi-distant points in the bed plate, and corresponding screws in the upper rim of the frame in which the upper stone is secured. The screws are convenient of access, and the stones can be brought to a true level or Tram with ease and accuracy. The second and most serious objection is obviated by the application of Elastic Springs at four equi-distant points, so arranged as to receive the entire resistance of the stones in their grinding operation, and to yield for the discharge of hard substances with facility, and without risk to the mill. These springs are durable and do not add to the complication of the machinery.

BELTING.

For four years we have been manufacturing this article. One of the firm is an experienced and skilful workman, who gives his personal attention and labor to this department; every foot of belting passes through his hands, and if not suitable is condemned. Our machinery is of the most approved kind, and our leather is tanned in whole skins, selected expressly with reference to its fitness for belting.

Rubber Belting Hose and Steam Packing.

We are the only agents of the Boston Belting Company in this city, for the sale of these goods.

French Burr Mill Stones.

To this department of our business we have been to great expense in obtaining the best material produced by the quarries in France. Our stock is selected at the quarries, by one of the firm, who spends a portion of his time there. In selecting for our Portable Grain Mills the best article is obtained without regard to cost. Our stock is always large.

BOLTING CLOTH.

This article, so difficult to obtain of superior quality, is made expressly for us. Our orders are in the hands of the manufacturers a year in advance, that they may have time to select the best material (Silk) and employ their most skilful workmen, that they may produce the quality we want. We refer to the mill owners in the country, and especially in this city, respecting this article.

PRICES OF CHALLENGE AND GRAIN MILLS.		
20 inch Pully Mill	.....	\$150—Geared.....\$165
24 " " "	.....	165 " 200
28 " " "	.....	200 " 225
30 " " "	.....	225 " 250
36 " " "	.....	275 " 310

PRICES OF PRESSURE MILLS.		
2 feet, with Pully,	.....	\$145—Geared.....\$165
2½ " " "	.....	185 " 210
3 " " "	.....	235 " 275

PRICES OF IRON BACK MILLS.

2 feet Grain Mill, with Pully, \$135.—Geared, \$160.	2½ feet Grain Mill with Pully, \$175—Geared, \$200.
3 feet, with pulley, 225—Geared, \$265.	

Terms for Small Mills, 4 months City acceptance, or 5 per cent discount for cash.

SOUTH-WESTERN
SEED AND AGRICULTURAL WAREHOUSE,
PITKIN BROTHERS,
NO. 515 Main Street,
LOUISVILLE, KENTUCKY,

KENTUCKY BLUE GRASS SEED.—We are prepared to furnish, in any quantity, Fresh and Genuine Blue Grass Seed, separated from the stem in a superior manner by a new process, which divests it of much of the chaff, and enables a given quantity to cover nearly three times as much ground as the seed usually sold in market.

OSAGE ORANGE SEED.—We are the largest dealers in the United States, in Osage Orange Seed. One of our firm devotes his whole time and attention to this particular branch of our business, and we presume "Pitkin's Osage Orange Seed" is too well known to need further comment. Pamphlets, giving all necessary information respecting planting the seed and growing the hedge, furnished to all applicants.

GARDEN SEEDS.—We are prepared to furnish Genuine Garden Seeds, of the growth of 1856, by the pound or by the single paper, or neatly packed in boxes, containing 100 or 200 papers each. A liberal discount made to dealers.

List of Seeds, &c., which we Deal in largely:

KENTUCKY BLUE GRASS,
ORCHARD GRASS,
RED TOP, or Herd Grass,
TIMOTHY,
CLOVER,

OSAGE ORANGE,
MILLET,
HEMP,
CANARY,
TOP ONIONS.

Our Stock of Implements Consists in Part of

HORSE POWERS,
THRESHING MACHINES,
MOWERS and REAPERS,
STRAW CUTTERS,
CORN SHELLERS,
WHEAT FANS,
CORN PLANTERS,
GRAIN DRILLS,
CHAIN PUMPS.

CORN MILLS,
CORN and COB CRUSHERS,
AGRICULTURAL FURNACES,
MEAT CUTTERS,
SAUSAGE STUFFERS,
PLOWS, all sorts,
HARROWS,
CULTIVATORS,
WHEELBARROWS, &c., &c.

We are also agents for the sale of the celebrated

"LOUISVILLE HYDRAULIC CEMENT or WATER LIME."

Also on hand and for sale, WHITE SAND, CALCINED PLASTER, AGRICULTURAL PLASTER, WHITE LIME.

Pitkin Brothers.

 **SIGERSON' NURSERY.** 

The proprietors of this NURSERY, situated a short distance South of St. Louis, Mo., are prepared to furnish from their establishment a more extensive and better selected stock of

Fruit, Shade, Ornamental Trees and Shrubbery, than they have ever heretofore been able to supply, and feel no hesitation in saying that scarcely a demand can be made on them which they cannot supply of the finest quality of Trees, Shrubs and Plants, to enumerate which, would require a much larger space than could be allowed to advertisers, and therefore invite all in want of a supply, to forward their orders for Catalogues and Bills of Prices, which will be forwarded promptly to all postpaid applicants.

Parties intending to procure trees the coming Spring should send their orders forward as early as possible, so as to enable the proprietors to fill and deliver them at the earliest possible time in the spring.

All communications should be addressed to
JOHN SIGERSON & BRO.,

NURSERY.

JULIUS MALLINCKRODT, near Augusta, a Port on the Missouri River, St. Charles Co., Mo., has a large supply of Fruit Trees and Plants, for sale this season 1856-'57, consisting of

Winter Apples,	Peaches,	Apricots,
Fall do	Cherries,	Plums,
Summer do	Pears,	Catalpas, &c.

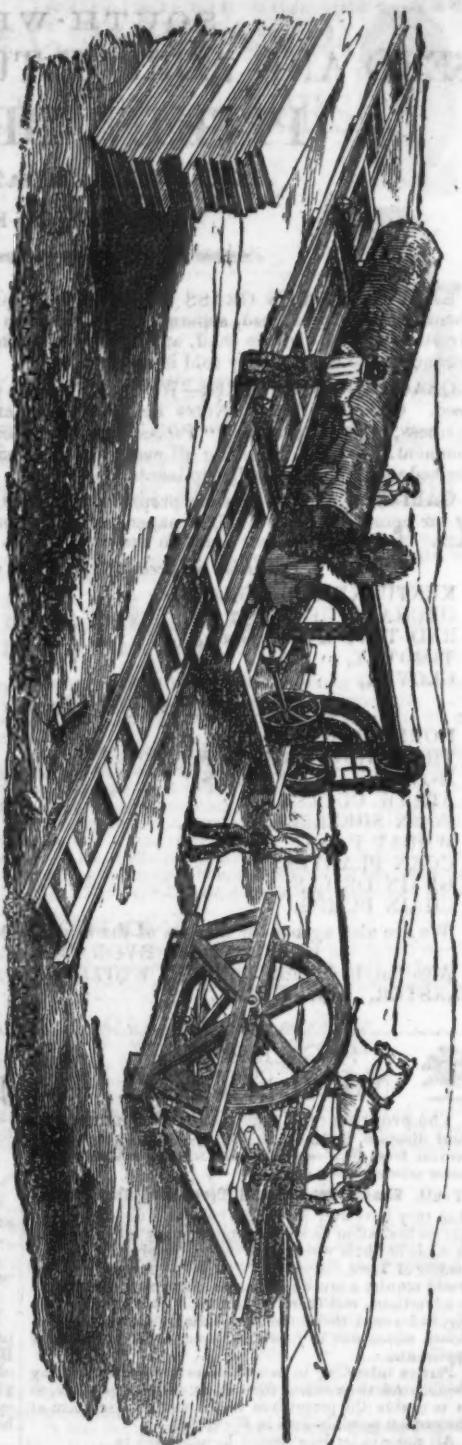
Agency in St. Louis at the

MISSOURI SEED STORE AND AGRICULTURAL WAREHOUSE,
J. & A. LARGUE,
No. 4, North Main Street.

The Oriental Horse Charmer.

This valuable little Work on Raising, Breaking Training, Riding, Driving, Stabiling, Feeding and Doctoring Horses, is daily being mailed to applicants in all parts of the United States. Send on your quarter for one, or \$1 for six copies, and you are sure to get it by return mail. Books on this subject containing no more, have been sold and are now selling for \$5 to \$10.

Address C. J. ELDRIDGE, south-east corner of Third and Sycamore streets, Cincinnati, Ohio. n6.M.



WHITELEY'S PATENT PORTABLE DOUBLE CIRCULAR SAW MILL.

PATENTED MARCH 4, 1856.

MANUFACTURED BY CLARK, AVERY & VOORHIES.

AT THE PEOPLE'S IRON WORKS,

Main street, between Florida and Mulamphy streets, North of the Shot Tower, St. Louis, Mo.

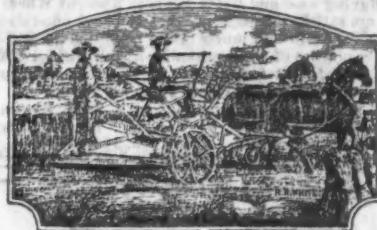
The Simplicity, Cheapness, Durability, Strength and Easy Management of this Mill, makes it the best now in use. A glance at its combined improvements cannot fail to convince every person of the superiority over any other for making lumber. It is constructed with two Saws, one above the other, and in line with each other, so as to assist in cutting off the slab, swell, bute and knots, and splitting large logs. The top saw can be moved on the arbor, so as to cut two plants with one run of the carriage, and in cutting fencing it will cut from two to eight boards with the two saws. The after end of the two saw shafts are connected by an arm, which acts as a guid for both shafts, and serves for their adjustment, so as to have complete control of the saws whilst running, and keeping them true with each other whilst cutting. It is capable of sawing 1000 feet per hour, and will work without sawing crooked, in all kinds of timber.

We warrant the Mills to perform in every respect as represented. One of these Mills can be seen in operation at the PEOPLE'S IRON WORKS, where the public are invited to examine for themselves, and any information respecting them will be cheerfully given on application to ISAAC L. GARRISON, President of the Home Mutual Insurance Company, corner of Main and Vine streets.

Horse Powers and Steam Engines furnished with the Mills at short notice and upon satisfactory terms.
CLARK, AVERY & VOORHIES.

Sr. Louis, September, 1856.

NEW SEED AND AGRICULTURAL WAREHOUSE.
On Sixth street, between Main & Market sts.
LOUISVILLE, KY.



In addition to the manufacture and sale of MANNY'S IMPROVED PATENT COMBINED MOWING and REAPING Machines, at my old stand on Sixth street near Main, I have opened a general

Seed and Agricultural Warehouse,
where may be found all the articles usually kept in similar establishments, consisting in part of the following: Manny's Combined Mowing and Reaping Machine, with all the improvements; Horse Powers and Threshers, Straw Cutters, Corn Shellers, Wheat Fans, Clover Mills, Plows of various kinds, Harrows, Cultivators, Horse Rakes, &c., &c. Also Scott & Hedges' Little Giant Corn and Cob Mills of the various sizes, and also their new Patent Steam Boilers.

SEEDS.

I have also a complete assortment of fresh and genuine Garden Seeds, at retail or by the box, at a liberal discount to merchants. Also Grass Seeds, embracing Clover, Orchard Grass, Timothy, Red Top and Millet Seed; Also Kentucky Blue Grass, Cleaned in a superior manner; Chinese Hemp Seed, Osage Orange Seed, Orange Orange plants, &c., &c.

Also FRUIT TREES; Brooks' New Seedling Strawberry Plants. Chinese Sugar Cane Seed sent in packages by mail.

no. 4 tf.

H. B. HOWARD.

SIGERSON'S
SEED **STORE**
& AGRICULTURAL WAREHOUSE,
Corner of Broadway and Wash Streets, St. Louis.
THE undersigned beg leave to acquaint their numerous customers in the West, that they will have for sale this spring, the largest and best selected stock of

Field, Garden and Flower Seeds,
ever offered for sale in this market; and to which will be added a large and complete stock of

AGRICULTURAL IMPLEMENTS,
Embracing every conceivable variety likely to be wanted by Farmers and Gardeners. They pledge themselves that their stock for the Spring has been selected from the most reliable manufacturers in the East, and with unusual care.

They flatter themselves that their experience in Agriculture and Horticulture, has enabled them to make such selections as will give the most entire satisfaction to their customers.

JOHN SIGERSON & BRO.

Agricultural and Horticultural Books.
THE undersigned take pleasure in stating to their former patrons and the public generally, that they have now on the way from the East, by Express, the most full, complete, and best selected stock of Agricultural Books ever offered in the West. A Descriptive Catalogue of Agricultural Implements, Field, Garden, Flower seeds, Agricultural and Horticultural Books, &c., will be forthcoming in a few days, and will be furnished to all post paid applicants free of charge.

Jan'57. JOHN SIGERSON & BRO.
Corner of Broadway and Wash st., St. Louis, Mo.

AYER'S CATHARTIC PILLS.

The sciences of Chemistry and Medicine have been taxed their utmost to produce this best, most perfect purgative which is known to man. Innumerable proofs are shown that these Pills have virtues which surpass in excellence the ordinary medicine, and that they win unprecedentedly upon the esteem of all men.

They are safe and pleasant to take, but powerful to cure. Their penetrating properties stimulate the vital activities of the body, remove the obstructions of its organs, purify the blood and expel disease. They purge out the foul humors which breed and grow distemper, stimulating sluggish or disordered organs into their natural action, and impart healthy tone with strength to the whole system. While they produce powerful effects, they are, at the same time, in diminished doses, the safest and best physic ever employed for children. Being sugar-coated, they are pleasant to take; and being purely vegetable, are free from any risk of harm. Cures have been made which surpass belief were they not substantiated by men of such exalted position and character as to forbid the suspicion of untruth. Many eminent clergymen and physicians have lent their names to certify to the public the responsibility of my remedies, while others have sent me the assurance of their conviction that my preparations contribute immensely to my afflicted, suffering fellow-men.

Prepared by Dr. J. C. AYER, Lowell, Mass., and sold by every respectable Druggist in the United States.

Sold by Barnard, Adams & Co., St. Louis, Mo,

" " Miller & Co., Louisville, Ky., Wholesale Agent.

sup3t.



HEDGING.

We have about 100 acres planted to Osage Orange in Western Missouri, Iowa, Nebraska and Kansas. Will make hedge fences upon a principle entirely new, that will succeed with or without trimming, possessing five important advantages over the usual system, viz: suffering no injury if frozen down every winter, neither if fire ran through it. Protect stock better against the cold winds, and all the expenses semi-annually, trimming saved. Also not so liable to thin out at bottom. Our nurserymen are authorized to sell plants at \$5 per 1000. The purchaser will be furnished directions for planting upon the above principle; also any person wishing hedging done should let the nurseryman know it, that we may see them when we come. We will take in payment where the amount is sufficient to justify it, horses, mules, jacks, jennets, sheep, &c. Plants may be set any time from the falling of the leaf in autumn to the bursting of the bud in Spring. We design planting nurseries in every county and settlement (where thought practicable) in the States and Territories above named, and northern Texas. Will take contracts to hedge when ten miles or over can be had in the same vicinity. Also hedge for part of the land with or without the land being previously enclosed.

Address

JOHN D. THOMPSON.

Rural, Jasper Co., Mo.

GEORGE KINGSLAND,

LE ROY KINGSLAND,

DAVID K. FERGUSON:

KINGSLAND & FERGUSON,
Phoenix Foundry:

196, 198 & 200, Second Street, St. Louis, Mo.
MANUFACTURERS of PAGE'S PATENT PORTABLE SAW-MILLS, CHILD'S PATENT DOUBLE SAW-MILLS and HORSE POWERS; COX & ROBERTS' PATENT THRESHER and CLEANER.

Threshers with and without Separators, Lever Powers, Endless Chain or Railroad Powers, Corn and Cob Crushers, Corn Shellers, Plows, Bark Mills, and Mill Machinery.

CASTINGS of every description, made to order at short notice.

Jan.'56.

ADVERTISEMENTS

To secure insertion in the Valley Farmer, must be received in our office, as early as the 15th of the previous month. See terms.

PENNOCK'S PATENT

Wheat Drill!



The attention of the Wheat Growers of the West is respectfully solicited to this most valuable agricultural implement. This machine is known as the best Planter that has yet been in use.

It is not injured by coming in contact with rocks, roots, &c.

It will save from 40 to 60 per cent labor.

It will plant from ten to twelve acres per day of wheat, oats or barley.

It will save from one to two pecks of seed per acre.

It causes a yield of from three to eight bushels of wheat more to the acre over the old method of sowing, which difference is produced by distributing the grain uniformly at any desired depth; and having a ridge of soil between the rows, the roots of the plants are thereby protected in winter, instead of being thrown out, as in broadcast. No harrowing is needed after this machine, as it completes the work at once. It is so simple that any farm hand can use it.

Manufactured by TERRELL & BUCHANAN, corner of Franklin Avenue and 20th street, St. Louis.

Price \$80 cash, or \$85 on six months time.

Messrs. Terrell & Buchanan—

We own a Wheat Drill of Pennock's patent, and are entirely satisfied with it. We believe that small grain of every kind does better. The land produces more per acre and is less subject to disasters, particularly the rust, and not so apt to tangle by the wind. We believe the Drill among the most important inventions.

Howard county, Mo.

W. H. ELGIN.

Messrs. Terrell & Buchanan—

I have put in three crops of wheat with Pennock's Drill. It is the best labor-saving machine I have seen used, of any kind. It is durable and does its work well. No improvement that I have seen used on the farm, is more durable and less liable to get out of repair. The wheat put in with the Drill will stand the winter better, and I believe it will yield from 10 to 20 per cent more.

Fayette, Mo.

W. M. JACKSON.

Messrs. Terrell & Buchanan—

I used Pennock's Drill last fall, and take pleasure in saying that I much prefer the Drill to broadcast sowing. I put in 90 acres of wheat with the Drill. It being a new thing in my neighborhood, I concluded I would not risk the whole field, but would divide it equally, sowing alternately, 20 acres broadcast, and 10 with the Drill; 10 acres broadcast and 25 with the Drill, and 25 broadcast, all on the same kind of land and in the same condition. The Drilled wheat looks well and will make a crop, but the broadcast in many places does not show any wheat, and I had to plow up almost the entire broadcast sowing.

T. J. THOMPSON.

St. Louis county, June 9th, 1857.

I hereby certify that I have used Pennock's Wheat Drill (manufactured by Messrs. Terrell & Buchanan, in the city of St. Louis,) to put in my last crop of wheat,

and I must say that the Drill performed well, and the wheat was not winter-killed, as was the case with the most of the broadcast sowing.

JAS. S. QUISBERRY.

Fee Fee, Mo., June 9th, 1857.

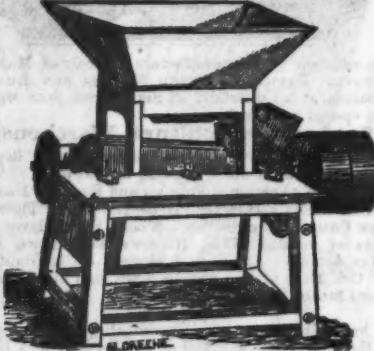
Having used and tested Pennock's patent Wheat Drill we are satisfied it saves in labor and seed one-third, and puts the grain in a much better condition to withstand the casualties of winter than broadcast sowing. We are satisfied of that fact by the appearance of our present growing crop, drilled on old land.

S. M. BAKER.

IRA H. ELLIS.

Montgomery Co., Mo., May 24th, 1857.

PREMIUM MILL!



FELTON'S Self-Sharpening Portable Corn Meal, Cob and General Feed Mill.

This Mill was awarded the First Premium at the St. Louis Fair for the above kind of grinding. It can be run by any kind of horse, water or steam power practicably. The No. 3 Mill is capable of grinding from 16 to 25 bushels of superfine meal per hour, and from 20 to 40 of corn and cob and other feed per hour, with from 3 to 6 horse power. No. 2 will do one-half the above amount with half the power.

These Mills are very durable, and any inexperienced person can run them. They have been tested for over two years, and all are in perfect order yet, and giving the best of satisfaction. The metal being harder than tempered steel, and truly self-sharpening, makes it more durable than a dozen common iron mills; therefore they are much cheaper.

Persons wishing a mill for grinding all kinds of grain in a grist mill, or to attach to a saw mill, are requested to try one of the Felton Mills, as they are warranted to grind twice as fast as a burr stone with the same amount of power; and if the grinding surface should ever wear out we will replace them at one-fourth the expense of keeping a stone in order the length of time they run, therefore save time in dressing stone, and expense of keeping a practical miller.

Price of mills all complete ready to run, No. 2, \$150; No. 3, \$200. For sale by our agents, Wm. M. PLANT & CO., No. 14 North Main street, and H. C. HOUTS & CO., No. 21 Market street, or at our office, 122 Market street, St. Louis, Mo.

De '56, 1y. LOOMIS, NICHOLS & CO., PROPRIETORS.

J. H. LIGHTNER,
No. 82 SECOND STREET,

between, Olive and Locust, St. Louis, Mo.

MANUFACTURER AND DEALER IN

STOVES.

Charter-Oak, Golden Era, and other select patterns—also, Parlor and Shop Stoves, Parlor and common Grates, Sugar Kettles, Dog-Irons, &c. Also—

PLOWS.

Moline, Peoria, Diamond and other patterns for Prairie Breaking, or Fallow; also, Contractor's Iron Plow, for Railroads.

[Ja. '56, 1y.]

NEW
AGRICULTURAL
WAREHOUSE

LANDRETH'S
WARRANTED
GARDEN SEEDS

AND
SEED
STORE

DAVID LANDRETH,
WHOLESALE AND RETAIL DEALER IN
Garden, Grass and other Seeds.
MACHINE, AGRICULTURAL IMPLEMENT AND TOOL.
No. 18 South Main street,
SAINT LOUIS, MO.



Manufactured at Landreth's Agricultural Works, Bristol, Pa., and for sale in St. Louis, at his Warehouse, only.

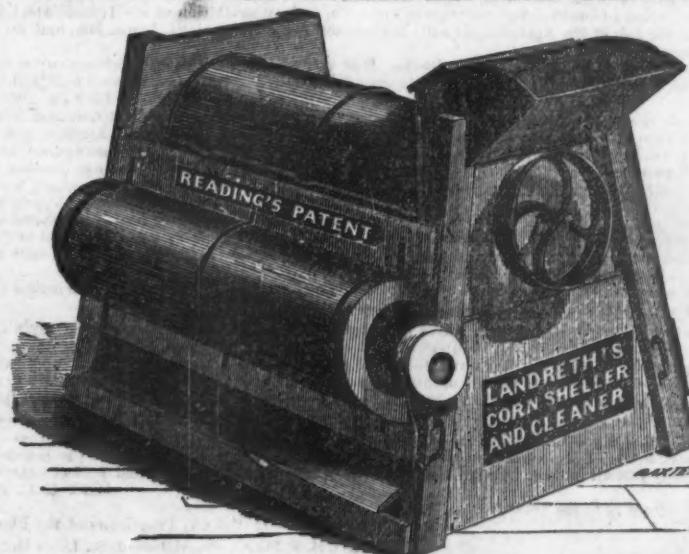
Farmers will take notice, this Sheller has Concave Feeding Wheels and Bevelled Cogs, to prevent choking, and are warranted superior to any other Hand Sheller now in use.

Price \$28.00. A liberal discount to Wholesale Purchasers.

D. LANDRETH.

No. 18 South Main Street.

LANDRETH'S CORN SHELLER AND CLEANER



This machine is truly extraordinary in its power and capacity, and will unquestionably work an important change in the cost of preparing corn for market; and it is by no means too much to say, will save the farmers of the great corn producing States Tens of Thousands of Dollars yearly. With a new one horse tread power, One Hundred and Forty bushels of Ears have been shelled within an hour, not as an experiment, but as ordinary labor. For sale only at

Price with Fan.....\$75 00
" without Fan.....\$60 00

LANDRETH'S AGRICULTURAL HOUSE,

No. 18 South Main street, St. Louis, Mo.

[Jn/56]

THE WONDERFUL SUCCESS OF SINGER'S SEWING MACHINE

is perhaps unparalleled in the history of
Modern Inventions.

The profits of I. M. SINGER & Co., during the last year amounted to nearly
\$800,000.

Their enormous sales may be attributed to various cause—First. The **SUPERIORITY OF SINGER'S SEWING MACHINE OVER ALL OTHERS.** Secondly, the recognition of that fact by the public. Thirdly, the discovery by the public of the **UTTER WORTHLESSNESS OF THE CHEAP SEWING MACHINES** as they are called. Fourthly, those who have hitherto refrained from purchasing under the impression that the price of good machines would be reduced have discovered their error, and seeing their great benefits and profits enjoyed by their more enterprising neighbors are now making such a rush for sewing machines that Singer & Co. are hardly able to supply the demand. Singer & Co. are now erecting an enormous manufactory in New York, constructed almost entirely of iron, at an expense of nearly

HALF A MILLION OF DOLLARS.

They have also purchased 16 years use of one of the largest stores on Broadway, paying a bonus of \$20,000, over and above the yearly rental, where some 50 young ladies are constantly employed as exhibitors and saleswomen to the thousand that daily throng their splendid rooms.

THEIR BRANCH AT ST. LOUIS

May lay legitimate claim to some portion of the tide that swells so prosperously the fortunes of Singer & Co. It is but a little over a year since this agency was established and we have already sold five hundred per cent more machines than we anticipated. But what is infinitely more gratifying, not a single machine has been returned and not a single serious complaint has been made. On the contrary, we are daily in the receipt of letters expressive of the highest satisfaction. Nothing is more common than for our customers to declare that ten times the price of the machine would not induce them to dispense with it.

Several seamstresses have been enabled by the temporary assistance of their friends to purchase machines. All of them are doing extremely well—while some of them receive from \$2 50 to \$3 50 per day, and all their expenses, operating their machines among families who have none.

The superior quality of the work done upon Singer's machine enhances the value of the article manufactured. Ladies do not hesitate to pay from five to ten cents for every yard of stitching, especially where the work is intended to meet the eye, as in the tucks of dress skirts, shirt bosoms, collars, cuffs, &c., &c., which doubles and quadruples the price paid for work done on any other machine.

It is our intention to have several machines in operation and on exhibition at the Illinois State Fair to be held at Peoria; at the fair of the Agricultural and Mechanical Association, at St. Louis, Mo., and at Marion county fair at Palmyra.

Our office is now No. 106, Fourth St., St. Louis. It is only sewing machine establishment upon the West side of the street, and is nearly opposite the large new store of Ubedell, Pierson & Co., between vine and St. Charles Sts.

EDWIN DEAN, Agent.

N.B. People should be cautious about giving undue importance to what are denominated PREMIUM MACHINES. Although Singer's machine has received a great number of premiums in America, and carried off the palm at the great French Exhibition held in Paris, where it was awarded the gold medal against Grover & Baker's Wheeler & Wilson's and all the best machines in the world—although the committee who granted the award was selected for their skill as experts—although this committee adopted the only means by which a correct decision could be arrived at, viz: Eschewing all certificates or other documentary evidence, and judging from the work actually done upon each machine in their presence. And although the Emperor Napoleon ordered a large number of Singer's machines on the strength of that decision, and a large manufactory was established in Paris—Singer & Co. having sold their right for \$100,000—still they claim no merit on that account, but are only strenuous that each purchaser should examine for himself.

Experience has proved that the limited opportunities afforded committees at crowded fairs makes their duties extremely onerous, while it renders their decisions often of little value.

The reputation of Singer's Sewing Machines is spreading far and wide with unexampled rapidity. But as the price appears large to those who are not fully conscious of the wonderful capacity of the Machine, people naturally desire to be perfectly satisfied that the investment is a good one before purchasing; hence applications from persons at a distance to their friends and acquaintances in Saint Louis, for reliable information are so numerous that the task of replying has become quite onerous. The annexed certificates will satisfy the most skeptical,

St. Louis, January 30, 1856.

Mr. EDWIN DEAN, Sir:—I am using one of Singer's Sewing Machines, and am satisfied that it fully realizes your recommendation. I have much pleasure in making this statement, which I do for the benefit of those, who, like myself, may feel an interest in what I consider one of the most remarkable and perfect improvements of the age.

"We fully subscribe to the above,"

STICKNEY & SCOLLAY, Proprietors of the Planters House.

BARNUM & FOGG, Proprietors of St. Louis Hotel.

"I have tried other sewing machines in my business of dress making, and most decidedly prefer Singer's, which I am now using."

MRS. T. DICKENSON, 140 North Fourth street.

"Singer's Sewing machines are undoubtedly unrivaled for manufacturing clothes."

BROWN, THATCH, & CO., 72 Main street.

"We are using Singer's Machine in the Manufacture of gentlemen's boots and shoes, and are satisfied they are not recommended too highly."

J. H. PORTH, 47 Locust street.

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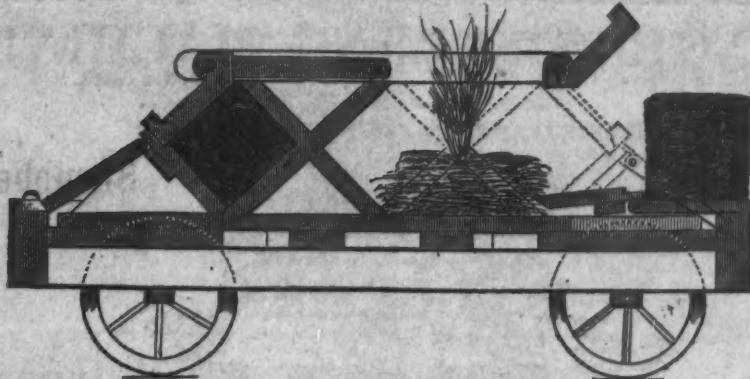
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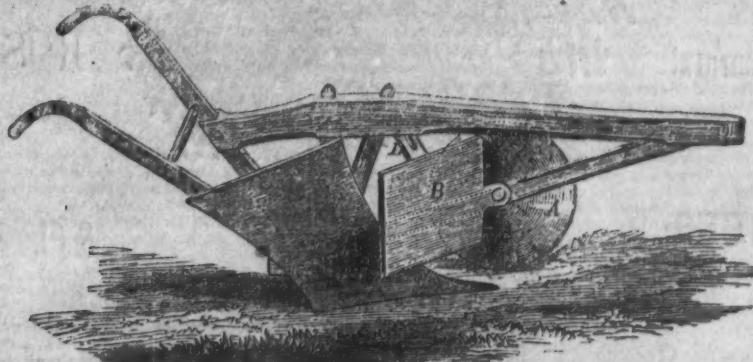


MANNY & CO., Freeport, Ills.

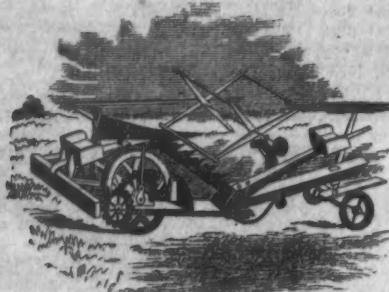
P. MANNY & J. PATTISON, having formed a co-partnership for Manufacturing purposes, would call the attention of Farmers to the following articles which we are prepared to manufacture, as also all other kinds of Agricultural Implements, when desired, at the Freeport Manufacturing Company's Shop:—

**NANNY'S PATENT PORTABLE HAY AND COTTON PRESS.**

A Horizontal Vibrating Lever Press, constructed on wheels. It is readily drawn from place to place, and worked with great facility, the Press being filled at one end while the bale is being hooped at the other, and vice versa—pressing a bale at each vibration of the levers, and, as is apparent, capable of doing a great amount of work, and designed to fully meet the wants of the people.

**Manny's Patent Sub-soil Plow.**

This is an article every farmer wants, to renovate his land and increase his crops. It is an old adage that "he who makes two spears of grass grow where only one grew before, is a public benefactor"—and that is what this Plow is intended to do.

**P. MANNY'S PATENT SELF-RAKING REAPER AND MOWER COMBINED!**

I omit the old favorite Reaper and Mower of J. H. Manny, that has won so many laurels under the fostering care of its inventors. This is a new machine lately patented by P. Manny, in which there are many valuable improvements. It is not as liable to get out of order as other Self-Rakers, it being so simple that any farmer can mend or make any part of it without the trouble of going to a shop, or it may be taken off in a minute or two and laid aside.

MANNY & CO., Freeport Illinois.

ST. LOUIS
M. G. KERN,

Respectfully begs leave to announce

Fall and Spring a

FRUIT

AND

Ornamental

TREES,

NURSERIES,
Proprietor,

that he will have for sale, the ensuing

Superior Stock of

Shrubby,

VINES.

ROSES,

&C., &C.

His Nurseries will contain such varieties of Fruit Trees as are known to succeed best in the Climate and Soil of the West and South-West, consisting of

STANDARD APPLES, of the best Summer, Fall and Winter varieties.

DWARF APPLES, on Paradise and Doucain Stocks.

STANDARD PEARS.

DWARF and HALF STANDARD PEARS, on Quince Stocks.

STANDARD and DWARF CHERRIES.

STANDARD and DWARF PLUMS.

PEACHES, a very large collection and of the very best varieties.

APRICOTS, NECTARINES, QUINCES, &c.

GRAPE ROOTS and CUTTINGS, Isabella, Catawba, and other varieties.

GOOSEBERRIES, RASPBERRIES and CURRENTS, of the various kinds.

THE ORNAMENTAL DEPARTMENT

WILL COMprise

ORNAMENTAL DECIDUOUS TREES,

EVERGREEN TREES, of various species and of different ages and sizes,

FLOWERING SHRUBS, all of the most desirable kinds,

ROSES, of the most beautiful varieties, selected after many years of culture and experiment,

PEONIES, PHLOXES and CHRYSANTHEMUMS of the finest sorts.

All varieties of Trees and Shrubs warranted true to name.

The proprietor hopes, that from a thorough acquaintance with the Nursery business, in all its departments, and by a personal supervision of his Nurseries, to give entire satisfaction to all who will favor him with their patronage.

He will receive orders at the Office of the **VALLEY FARMER**, corner of Second and Chestnut streets, St. Louis, Mo., or at his Nurseries situated on the Olive Street Plank Road, five miles West of the city. Orders by letter may be addressed to M. G. KERN, St. Louis Nurseries, St. Louis, Mo.

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Oct. 30

APPLE TREES FOR SALE.

100,000 three years old, grafted apple trees, 6 to 7 feet high. Also 200,000 Hedge Plants, one year old, for sale very low by the subscriber at the
MCLEAN COUNTY NURSERY,

Bloomington, Illinois.

To those wishing to purchase by wholesale, a rare chance is offered.

Oct. 3d, O. M. COLMAN.

References—C. K. Overman, Commercial Nurseries, J. W. Fell, Bloomington, Ill.

CRANBERRY CULTURE.

The subscriber has issued a Circular in relation to the Cranberry and its Culture. They will be sent free of charge to all that wish them. The Plants will also be sent to any part of the United States, to those ordering, at \$5 per 1,000. Address SULLIVAN BATES.

Bellingham, Norfolk Co., Mass.

N. B. All papers in the United States circulating 8000 papers and upwards shall receive 600 plants by express, next month with a sample of the fruit, if they give the above three insertions and send me a copy of the same.

Oct. 3d.



TREES AND PLANTS.

W. R. PRINCE & CO.,

Flushing, Long Island, near New York.

Select Catalogue of Trees and Plants unrivaled in every department.

The following Descriptive Catalogues, which are sent gratis to applicants who enclose stamps, comprise every variety worthy of Culture, with Rejected Lists of worthless fruits, many of which are still cultivated elsewhere: No. 1—Descriptive Catalogue of Fruit and Ornamental Trees, Shrubs, and Plants.

No. 2—Roses, Carnations, Chrysanthemums, Phlox Iris and other Flowering Plants,

No. 4—Wholesale Catalogue for Nurserymen and Dealers.

No. 6—Strawberries, Description of 105 select varieties.

No. 9—Bulbous Flowers of every class, together with 250 varieties of Poinsettias, also Dahlias, and other rare Flowering plants.

No. 11—Treatise on the Culture of the Chinese Potato, with reduced prices.

All articles are of the first quality at moderate prices, and will be forwarded properly packed to any part of the country.

Oct. 11.

W. R. PRINCE.

GEO. G. CURTIS.....JNO. B. POYNTZ.

100,000 APPLE SEEDLINGS for Sale.

We have the above number of thrifty one year old Apple Seedlings for sale the coming fall.

Price \$5.00 per 1000. Address,

GEO. G. CURTIS & CO.,

2d. Rochester Nurseries, Maysville Kentucky.

TO SEEDSMEN, PLANTERS, &c.

Thorburn's Preliminary Wholesale Priced List of

VEGETABLE AND AGRICULTURAL SEEDS,

DUTCH BULBOUS ROOTS, DOUBLE DAHLIAS &c.

For the fall of 1857, is just published, and will be mailed to Dealers and others requiring Seeds in quantities, enclosing a stamp for return postage.

This year's Seeds, so far as have shed, are of prime quality, generally abundant, and prices correspondingly moderate.

J. M. THORBURN & CO.,

SEEDSMEN, &c.

Sep. 3d

15 John street, New York.

DEVONS FOR SALE.

A few Thorough Bulls and Heifers bred from my own herd, by my Imported Bull "Duke of Devon." Also, some fine Essex Hogs.

Address,

CHAS. A. ELY,

ELYRIA, Ohio.

Oct. 3d.

GENESEE VALLEY

NURSERIES!

Fruit Trees, Ornamental Trees, Shrubs, ROSES, &c., &c.

The proprietors of these well known Nurseries have on hand a large and well-grown stock of FRUIT TREES, ORNAMENTAL TREES, SHRUBS, ROSES, GREEN-HOUSE AND BEDDING PLANTS, DAHLIAS, PHLOXES, AND OTHER HARDY BORDER PLANTS.

The assortment of ROSES is very extensive, and embraces all varieties which could be obtained and which are considered worthy of cultivation. Our collection of HYBRID PERPETUALS is the most complete in the country.

The GREEN-HOUSE DEPARTMENT receives particular attention, and the stock of Fuchsias, Geraniums, and other Green-House Plants is large and varied. In the

Fruit Department,

Our stock consists of

APPLES, of the leading varieties, Dwarf and Standard. PEARS of all desirable varieties, on Quince & Pear stock. PLUMS—A choice selection of well grown trees of popular sorts.

CHERRIES—All the popular sorts, Dwarf and Standard.

PEACHES—A choice assortment.

NECTARINES, APRICOTS and QUINCES, in variety.

GRAPES—A complete assortment of both native and foreign sorts, including many of recent introduction.

SMALL FRUITS.

CURRENTS—Twenty-five choice sorts, including many new varieties.

RASPBERRIES, GOOSEBERRIES, BLACKBERRIES & STRAWBERRIES of all new and approved varieties.

We have for the accommodation of NURSERYMEN, STOCKS and SEEDLINGS, including Apple, Pear, Plum, Cherry, Quince, &c., &c. Also SEEDLINGS of Evergreen Trees, including Norway Spruce, Balsam Fir, Scotch Pine, Austrian Pine, Larch and Hedge Plants.

Ornamental Department.

The stock of Ornamental Trees and Shrubs, both Deciduous and Evergreen, will be found to embrace all that is desirable among Lawn and Street Trees and Shrubs. ROSES, consisting of Hybrid Perpetual and Summer Roses; Moss, Bourbon, Noisette, Tea, Bengal or China, and Climbing or Prairie Roses.

HARDY HERBACEOUS or BORDER PLANTS and BULBOUS FLOWER ROOTS, an extensive assortment.

All the above will be disposed of at low rates, and on advantageous terms. For further details we refer to our full set of Catalogues, which will be mailed to applicants who enclose a one cent stamp, for each.

No. 1—Descriptive Catalogue of Fruits, &c.

" 2. do do Ornamental Trees.

" 3. do do Shrubs, Roses, &c.

" 4. Wholesale Trade List for Nurserymen and Dealers.

All Amateurs and others interested in Horticulture, are respectfully invited to visit our Show Grounds and Green-houses at 153 South Sophia street, a short distance from the central part of the city.

All communications to be addressed to

A. FROST & CO.,

Genesee Valley Nurseries,

Rochester, N. Y.

H. C. POCOCKE & CO.,
Proprietors of
BALL'S PATENT GRAIN CLEANER

AND

Wire Cloth Smut Mill.

MANUFACTURERS OF

Separators, Suction and Blast Fans, Wire Cloth, and various kinds of Mill Machinery,

No. 21 Market street, " Herald Buildings,

ST. LOUIS, MO.

STOCK PLACE,

NEAR NASHVILLE, TENN.

I have fitted out, perhaps the most extensive Stock Farm in America, and aim to keep for sale at all times, all the varieties of live stock that are useful to man, and not inferior to any that can be found in any part of the world. I intend to sell on as cheap terms as the same kind of animals can be afforded on any place.

Oct 24.

M. R. COCKRILL.

PUBLIC SALE of BLOODED CATTLE

On Thursday, the 12th of November next.

I will sell at public Auction at my residence, 2½ miles south-west of Concord and 12 miles north of Fulton, Calaway County, Mo.

THIRTY HEAD OF CATTLE, principally Thorough Bred, and some Full Bloods, consisting of Cows, Heifers and Bulls of diff r-nt ages. This stock was selected from the best herds in Kentucky something over a year ago and in reference to blood they are equal to any cattle in the State. The principal portion of the Bulls that will be offered for sale, were sired by the thorough bred bull JEFFERSON, an aged animal and one of the finest in the State, who will be offered for sale. See the

Pedigree of Jefferson.

Snow white, by Young Velocipede; dam, White Mary. Velocipede was sired by imported Velocipede, a roan bull, bred by Mr. Blair, near Darlington county England, of Durham, by Young Dinsdale, son of Old Dinsdale; dam, Lord Lirions, g. g. dam, by Peter, bred by Mr. Booth; g g dam by Denton, and by Comet.

Jefferson's dam, White Mary, was by the imported bull Velocipede, pedigree above, her dam imported Rosebud, she by Harisey, Herd Book vol. 3, No. (2091); dam, Emily, by Governor, (1077). Vol. 2, by Pilot, 496, grand dam, Eversee, 356, by Young Albion, 15, g g dam. Cowslip, by Albion, 14, g g g dam, Young Gaudy, by a son of Suwarrow, g g g g dam, Gaudy, by Suwarrow, 336, g g g g dam, by Mr. Booth's son of the twin brother to Ben, 88, g g g g g g dam, by the twin brother to Ben.

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The construction of this Mill is simple and very durable. There is no complication in any part of it. The stones are adjusted and operated in the same manner as in ordinary flour mills. The Mill can be entrusted with safety to the charge of any careful hand, and cannot fail to give entire satisfaction.

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These Mills are in extensive use, and are highly commended. Their construction is the same as the Iron Back Mills, differing only in the substitution of Pressure for weight of Runner. The weight of the Runner is sufficient for ordinary grinding, say from six to eight bushels per hour. When desired to do more, the Pressure applies to the extent required for the increased feed. It graduates and applies itself.

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Seimer's Patent, 1856. Largest Size Three Feet.

The under Stone of this Mill revolves.

For more than fifteen years we have been engaged in manufacturing these Mills, closely observing their performance, with a view to making such improvements as our experience might suggest. And now, we believe our Mill is the best of the kind in use. They are made with great care, and the distribution of metal throughout the whole arrangement is made with a view to strength and durability.

The principal objection to mills with the under stone for runner, is, First, the difficulty of keeping the stones in TRAM. Second, the stones being confined between unyielding points, rendering it difficult to discharge, without risk of breaking, harder substances than grain; for instance, nails, &c., that might, and which often do, fall between the stones. The first, we have overcome by a simple arrangement of adjusting screws at four equi-distant points in the bed plate, and corresponding screws in the upper rim of the frame in which the upper stone is secured. The screws are convenient of access, and the stones can be brought to a true level or TRAM with ease and accuracy. The second and most serious objection is obviated by the application of Elastic Springs at four equi-distant points, so arranged as to receive the entire resistance of the stones in their grinding operation, and to yield for the discharge of hard substances with facility, and without risk to the mill. These springs are durable and do not add to the complication of the machinery.

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We are the only agents of the Boston Belting Company in this city, for the sale of these goods.

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To this department of our business we have been to great expense in obtaining the best material produced by the quarries in France. Our stock is selected at the quarries, by one of the firm, who spends a portion of his time there. In selecting for our Portable Grain Mills the best article is obtained without regard to cost. Our stock is always large.

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PRICES OF CHALLENGE AND GRAIN MILLS.		
20 inch Pully Mill,.....	\$150—Geared.....	\$165
24 " " " 165 " 200	200	215
28 " " " 200 " 225	225	235
30 " " " 225 " 250	250	275
36 " " " 275 " 310	310	34 feet Mills, heavy Runner, Pully, \$300—Geared \$350

PRICES OF PRESSURE MILLS.

2 feet with Pully,.....	\$145,—Geared,.....	\$165,
2 1/2 " " " 185 " 210	210	210
3 " " " 235 " 275	275	275

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2 feet Grain Mill, with Pully, \$135.—Geared, \$160.	2 1/2 feet Grain Mill with Pully, \$175—Geared, \$200.
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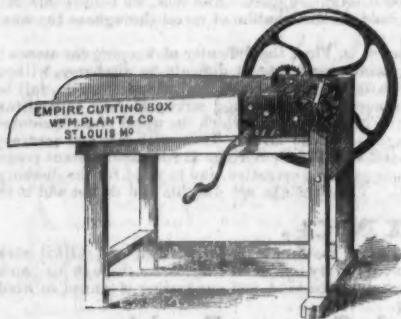
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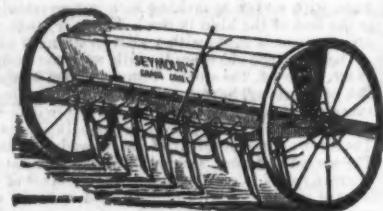
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SEED SOWER.

Descriptive Circulars furnished gratis.

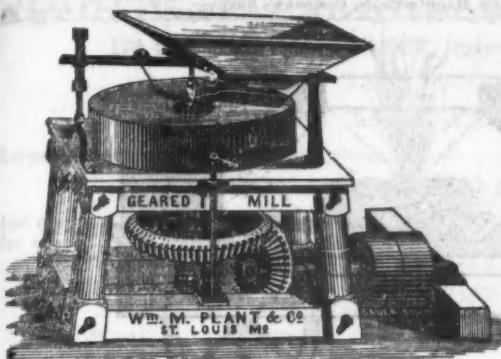
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THESE Mills are composed of the best quality of French Burr Blocks, enclosed in a Cast Iron Case to give strength and weight to the Stone which is indispensable in small Mills, where the stone is run with great speed, and becomes dangerous if not strongly made.

They can be run with Steam, Horse, or Water Power and do not require a millwright to set them up, as they are already trimmed to run.

By the steady application of Three Horses on a good Lever Power, the 24 inch geared Mill (\$150) run 240 revolutions per minute—will grind from 5 to 8 bushels of good meal per hour, and will grind Wheat as well as Corn. The 30 inch Mill, if put to its fullest speed, will grind from 10 to 15 bushels per hour.

We have been agents for these superior Mills since 1852, and all have been sold on a warrant to perform as above, and not one has failed to give the very best of satisfaction.

We offer them to the public with a full guarantee that they are superior both in point of work and workmanship, to any other Portable Grist Mill now in use.

Descriptive circular furnished gratis to applicants.

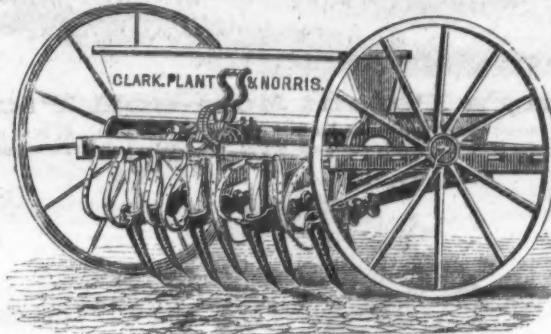
PRICES.

20 inch Stone with Pully	\$115 00	with Gear	\$125 00
24 "	"	135 00,	" " 150 00
30 "	"	175 00,	" " 200 00
36 "	"	225 00,	" " 250 00

The 30 inch, with Gear, is admirably adapted to use with Saw Mills. Bolting Cloth and Belt furnished with Mills when desired, by

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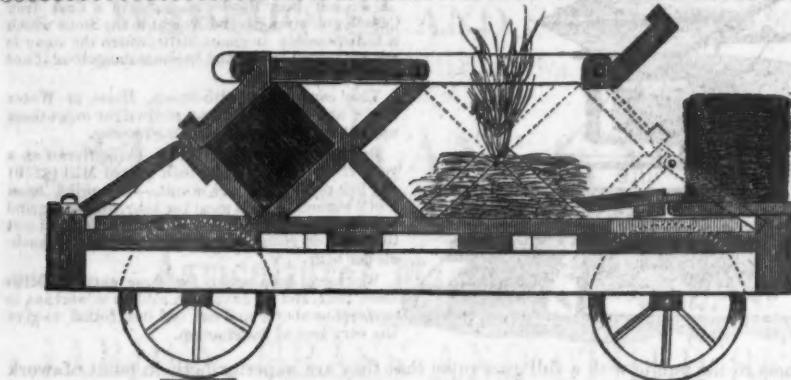
This Drill took the first premium and Diploma at the St. Louis Agricultural and Mechanical Association, and the Illinois State Fair in the fall of 1856, and all the fairs where exhibited.

Descriptive Circulars, showing the advantages to be gained in drilling all small grain, furnished gratis.

Price of Drill complete, with Seed Sower attached, \$90. Terms half cash, balance approved note, due 1st January following purchase, or \$85 cash on delivery.

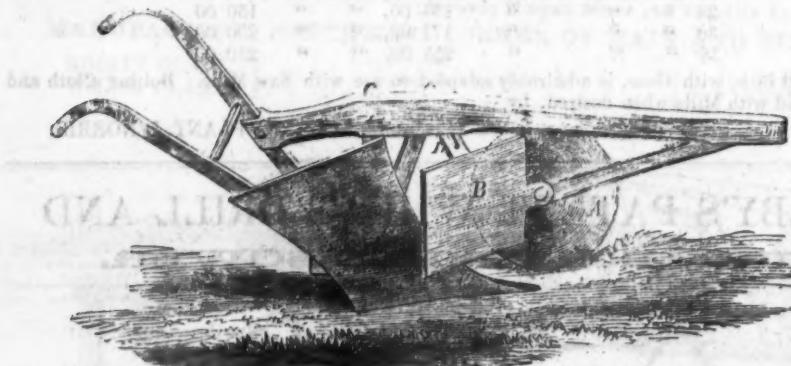
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P. MANNY & J. PATTISON, having formed a co-partnership for Manufacturing purposes, would call the attention of Farmers to the following articles which we are prepared to manufacture, as also all other kinds of Agricultural Implements, when desired, at the Freeport Manufacturing Company's Shop:—



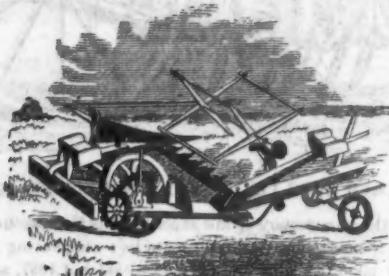
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This is an article every farmer wants, to renovate his land and increase his crops. It is an old adage that "he who makes two spears of grass grow where only one grew before, is a public benefactor"—and that is what this Plow is intended to do.



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500 Bushels of Choice Northern Seed Buckwheat. 100 bushels Shiperd Improved White Flint Corn, very superior for Seed, with which other varieties will not hybridize, for sale by

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Red Astraea,
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Porter,
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Drop d' Or,
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Yellow Bellflower,
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Newtown Pippin,
Smith's Cider,
Rome Beauty,
Pryors Red,
Newtown Spitzenberg,
American Golden Bassett,
White Winter Pearmain,

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Northern Spy,
Baldwin,
Wine Sap,
Raman Stem,
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Price \$20 per 100, or 25 cents each.

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Price of Standard and Dwarf Trees, 50 to 75 cents each.

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Price of Standard Trees on Mazzard stocks, or Dwarf trees on Mahaleb stocks, 50 to 75 cents each.

Early May,
American Amber,
Bauman's May,
Black Heart,

Black Eagle,
Coe's Transparent,
Downer's Late Red,
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Governor Wood,
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Black German,
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Napoleon Biggarreau,
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Price of Standard and Dwarf trees, 50 to 75 cents each.

Coe's Golden Drop,
Emperor,
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Imperial Gage,
Washington,
Magnum Bonum,

Jefferson,
German Prune,
Lombard,

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Smith's Orleans,
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All the Best Sorts of APRICOTS, QUINCES and NECTARINES. (Price 50 cents each.)

ORNAMENTAL DEPARTMENT. Shade, Park and Street Trees,

Price, 50 cents to \$1.

Silver Leaved Maple,
Sugar Maple,
Tree of Heaven,
Catalpa,

Elm, various kinds,
Ash, European and weeping kinds,
Larch,

Silver Leaved Poplar,
Lombard Poplar,
Weeping Willow,
Tulip Tree,

Mountain Ash,
White Birch,
Deciduous Cypress,
Lind. n., &c., &c.

EVERGREEN TREES. (Price 50 cents and upwards.)

Norway Spruce,
White Spruce,

Arborvitae,
White Pine,

Scotch Pine,
Red Cedar,

Balsam Fir,
Austrian Pine,

EVERGREEN SHRUBS.

Tee Box,

Dwarf Box for edging,

Evergreen Thorn,

Eunonymus Japonica,

All articles to be sent to a distance will be carefully labelled, and packed in the best possible manner, for which a moderate charge will be made to cover cost. They will be delivered free of charge at any Railroad Depot or on board of any Steamboat in St. Louis, but from the time of such delivery they will be at the risk and expense of the purchaser. I will receive orders at the VALLEY FARMER OFFICE in St. Louis, or at my Nurseries, five miles West of the city. Orders must be accompanied with the Cash, or an acceptance from some reliable person in the City given.

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THE WONDERFUL SUCCESS OF SINGER'S SEWING MACHINE

Is perhaps UNPARALELLED in the history of MODERN INVENTIONS.

The profits of L. M. SINGER & Co., during the last year amounted to nearly

\$800,000.

Their enormous sales may be attributed to various causes—First. The **SUPERIORITY OF SINGER'S SEWING MACHINE OVER ALL OTHERS.** Secondly, the recognition of that fact by the public. Thirdly, the discovery by the public of the **UTTER WORTHLESSNESS OF THE CHEAP SEWING MACHINES** as they are called. Fourthly, those who have hitherto refrained from purchasing under the impression that the price of good machines would be reduced have discovered their error, and seeing their great benefits and profits enjoyed by their more enterprising neighbors are now making such a rush for sewing machines that Singer & Co. are hardly able to supply the demand. Singer & Co. are now erecting an enormous manufactory in New York, constructed almost entirely of iron, at an expense of nearly **HALF A MILLION OF DOLLARS.**

They have also purchased 15 years lease of one of the largest stores on Broadway, paying a bonus of \$20,000, over and above the yearly rental, where some 50 young ladies are constantly employed as exhibitors and saleswomen to the thousand that daily throng their splendid rooms.

Their Branch at 106 Fourth St., St. Louis,

May lay legitimate claim to some portion of the tide that swells so prosperously the fortunes of Singer & Co. It is but a little over a year since this agency was established and we have already sold five hundred per cent more machines than we anticipated. But what is infinitely more gratifying, not a single machine has been returned and not a single serious complaint has been made. On the contrary, we are daily in the receipt of letters expressive of the highest satisfaction. Nothing is more common than for our customers to declare that ten times the price of the machine would not induce them to dispense with it.

The superior quality of the work done upon Singer's machine enhances the value of the article manufactured. Ladies do not hesitate to pay from five to ten cents per yard for stitching, especially where the work is intended to meet the eye, as in the tucks of dress skirts, shirt bosoms, collars, cuffs, &c., &c., which doubles and quadruples the price paid for work done on any other machine.

We feel great pleasure in stating that several worthy women, reduced by misfortune to a condition of humiliating dependence, having succeeded by a temporary loan from sympathizing friends, in purchasing a Singer Sewing Machine, they are now in the enjoyment of comparative affluence.

To Singer's Sewing Machine was awarded the **FIRST PREMIUM**, a **GOLD MEDAL**, at the great French Exhibition in Paris. The Emperor Napoleon III, was so forcibly impressed with its entire superiority over all other machines that he ordered a large number for his household and to manufacture clothing for the army.

Singer's Sewing Machine has obtained more premiums than all the other machines combined. It has never failed when the judges based their decision upon the intrinsic merits of the machine, and upon work actually done in their presence—which in fact is the true test. They however attach but little importance to these awards, with the exception of that of the French exhibition, where all the judges were experts, selected by reason of their peculiar fitness for the office and solemnly impressed with its high responsibilities. While their duties were circumscribed, ample facilities were afforded them for examination and deliberation. We know that this cannot obtain at our ordinary fairs; committees with every disposition to do justice, have an onerous duty to perform, rendered doubly so by the pressure of the crowd and the lack of time and opportunity to make a deliberate and critical examination.

Were it necessary to adduce testimony in order to prove the great superiority of Singer's Sewing Machines we could publish recommendations from hundreds in St. Louis, who are using them with satisfaction and profit.

Singer's machine is so simple, and substantial, its capacity to execute every kind of work so obvious, its stitching is so beautiful and so permanent, it becomes a matter of wonder how any person of ordinary discernment and discrimination can witness its operation without being at once struck with its superiority over all other machines. Occasionally however we do meet persons who seem incapable of forming an independent judgment, and who rely entirely upon the opinions of others. In deference to this class we have selected from our extensive list the following

CERTIFICATES OF RECOMMENDATION.

MR. EDWIN DEAN—Sir:—I have had one of Singer's Sewing machines in my family for several months. Since we have learned its use, we feel perfectly satisfied with it. The very finest material can be sewn on it BEAUTIFULLY AS WELL AS THE COARSEST AND HEAVIEST.

Mrs. N. L. RICE.

St. Louis, January 30, 1856.

MR. EDWIN DEAN, Sir:—I am using one of Singer's Sewing Machines, and am satisfied that it fully realizes your recommendation. I have much pleasure in making this statement, which I do for the benefit of those, who, like myself, may feel an interest in what I consider one of the most remarkable and perfect improvements of the age.

Mrs. C. B. PARSONS.

"We fully subscribe to the above,"

STICKNEY & SCOLLAY, Proprietors of the Planter House.

BARNUM & FOGG, Proprietors of St. Louis Hotel.

"I have tried other sewing machines in my business of dress making, and most decidedly prefer Singer's, which I am now using."

Mrs. T. DICKENSON, 140 North Fourth street.

"Singer's Sewing machines are undoubtedly unrivaled for manufacturing clothing."

BROWN, THATCH. & CO., 72 Main street.

GEO. M. FERGUSON & Co., 65 Fourth St.

"We are using Singer's Machine in the Manufacture of gentlemen's boots and shoes, and are satisfied they are not recommended too highly."

J. H. BORTH, 47 Locust street.

It may be observed that the ladies of the Rev. Doctors N. L. Rice and C. B. Parsons in their warm approbation, speak the sentiments of hundreds of their sex who regard it as the best family sewing machine, and the greatest boon ever conferred upon woman. Messrs. Stickney & Scollay and Messrs. Barnum & Fogg, proprietors of the Planter House and the St. Louis Hotel, are equally eulogistic as to its capacity to do the sewing of their immense establishments. The balance of the certificates, emanating as they do from individuals extensively known for their probity and skill in their different branches of trade, establish the fact beyond dispute that Singer's is not only the best FAMILY SEWING MACHINE, but that its adaptability to all mechanical purposes, by securing the finest as well as the coarsest and heaviest material in the very best manner, give it a decided advantage over every other sewing machine.

Our office is now 106, Fourth street, between Locust and Vine—the ONLY sewing machine office on the West side—nearly opposite Ubsdell & Pierson's new store.

EDWIN DEAN, PROPRIETOR.

SOUTH-WESTERN
SEED AND AGRICULTURAL WAREHOUSE,
PITKIN BROTHERS,
NO. 515 Main Street,
LOUISVILLE, KENTUCKY,

KENTUCKY BLUE GRASS SEED.—We are prepared to furnish, in any quantity, Fresh and Genuine Blue Grass Seed, separated from the stem in a superior manner by a new process, which divests it of much of the chaff, and enables a given quantity to cover nearly three times as much ground as the seed usually sold in market.

OSAGE ORANGE SEED.—We are the largest dealers in the United States, in Osage Orange Seed. One of our firm devotes his whole time and attention to this particular branch of our business, and we presume "Pitkin's Osage Orange Seed" is too well known to need further comment. Pamphlets, giving all necessary information respecting planting the seed and growing the hedge, furnished to all applicants.

GARDEN SEEDS.—We are prepared to furnish Genuine Garden Seeds, of the growth of 1856, by the pound or by the single paper, or neatly packed in boxes, containing 100 or 200 papers each. A liberal discount made to dealers.

List of Seeds, &c., which we Deal in largely:

KENTUCKY BLUE GRASS,
ORCHARD GRASS,
RED TOP, or Herd Grass,
TIMOTHY,
CLOVER,

OSAGE ORANGE,
MILLET,
HEMP,
CANARY,
TOP ONIONS.

Our Stock of Implements Consists in Part of

HORSE POWERS,
THRESHING MACHINES,
MOWERS and REAPERS,
STRAW CUTTERS,
CORN SHELLERS,
WHEAT FANS,
CORN PLANTERS,
GRAIN DRILLS,
CHAIN PUMPS.

CORN MILLS,
CORN and COB CRUSHERS,
AGRICULTURAL FURNACES,
MEAT CUTTERS,
SAUSAGE STUFFERS,
PLOWS, all sorts,
HARROWS,
CULTIVATORS,
WHEELBARROWS, &c., &c.

We are also agents for the sale of the celebrated

"LOUISVILLE HYDRAULIC CEMENT or WATER LIME."

Also on hand and for sale, WHITE SAND, CALCINED PLASTER, AGRICULTURAL PLASTER, WHITE LIME.

Pitkin Brothers,

 **SIGERSON[®]**
NURSERY. 

The proprietors of this NURSERY, situated a short distance South of St. Louis, Mo., are prepared to furnish from their establishment more extensive and better selected stock of

Fruit, Shade, Ornamental Trees and Shrubbery, than they have ever heretofore been able to supply, and feel no hesitation in saying that scarcely a demand can be made on them which they cannot supply of the finest quality of Trees, Shrubs and Plants, to enumerate which, would require a much larger space than could be allowed to advertisers, and therefore invite all in want of a supply, to forward their orders for Catalogues and Bills of Prices, which will be forwarded promptly to all postpaid applicants.

Parties intending to procure trees the coming Spring should send their orders forward as early as possible, so as to enable the proprietors to fill and deliver them at the earliest possible time in the spring.

All communications should be addressed to
JOHN SIGERSON & BRO.,

NURSERY.

JULIUS MALLINCKRODT, near Augusta, a Port on the Missouri River, St. Charles Co., Mo., has a large supply of Fruit Trees and Plants, for sale this season 1856, '57, consisting of

Winter Apples,	Peaches,	Apricots,
Fall do	Cherries,	Plums,
Summer do	Pears,	Catalpas, &c.

Agency in St. Louis at the
MISSOURI SEED STORE AND AGRICULTURAL WAREHOUSE,
J. & A. LARGUE,
No. 4, North Main Street.

The Oriental Horse Charmer.

This valuable little Work on Raising, Breaking Training, Riding, Driving, Stabbing, Feeding and Doctoring Horses, is daily being mailed to applicants in all parts of the United States. Send on your quarter for one, or \$1 for six copies, and you are sure to get it by return mail. Books on this subject containing no more, have been sold and are now selling for \$5 to \$10.

Address C. J. ELDRIDGE, south-east corner of Third and Sycamore streets, Cincinnati, Ohio. n6.tf.



FIRST PREMIUM AND DIPLOMA AWARDED BY THE LATE
MISSISSIPPI VALLEY FAIR.

TO

COX & ROBERTS PATENT THRESHER AND CLEANER!

The sales of these Machines last year, was double that of any preceding one, and it was with great difficulty that the demand could be supplied. From our increased facilities in manufacturing, and the care taken in selecting materials, we are now able to offer them to the public as the best Machine made for the farmer. They thresh and clean the grain ready for market, and are considered by those having them in use to be the most simple, cheap and durable offered for sale.

Our Lever Powers are an improvement on any now in use, being extremely simple and portable. The Endless Chain or Railroad Horse Power is very durable—wrought iron links being used instead of cast iron, consequently are not liable to break or wear out.  Any further information cheerfully given.

March 1st.

KINGSLANDS & FERGUSON,
 Corner of Second and Cherry streets, St. Louis, Mo.



Emery's Patent Changeable Railroad Horse Powers,

THRESHERS, SEPARATORS, SAWS, FAN MILLS, &c.

GRAIN DRILLS, of Superior Construction, FIELD ROLLERS, in sections of cast iron. HARROWS, PLOWS, CORN SHELLERS, CLOVER HULLERS, HAY PRESSES, &c., &c.

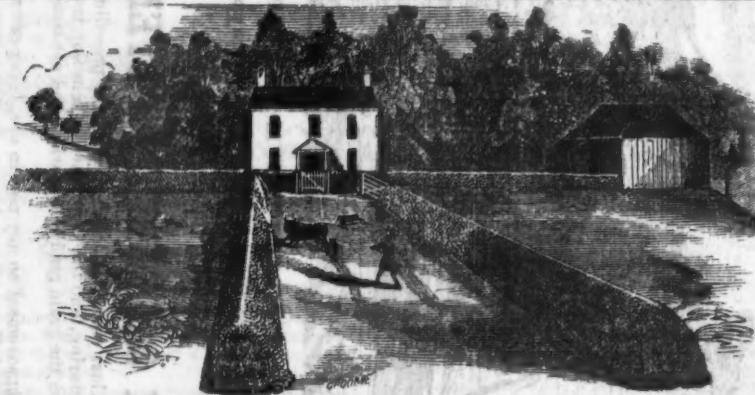
With a complete stock of

AGRICULTURAL AND HORTICULTURAL TOOLS AND SEEDS,

Both for Farm and Garden, all on the most approved terms; at Wholesale or Retail, at the
CHICAGO AGRICULTURAL WAREHOUSE AND SEED STORE,
204 LAKE STREET, CHICAGO, ILLINOIS.

Sept 21.

HENRY D. EMERY & CO.



LOGAN SLEEPER, Louis, Mo. St.

W.M. M. LINDLY, St. Jacobs, Ill.

SLEEPER & LINDLY

Will continue the business of

SETTING AND GROWING HEDGE FENCES.

We will give due attention *personally*, and by *carefully appointed agencies*, wherever can be had quantities to justify.

Having well matured our plans, and united permanently, we intend our performances shall be thorough and faithful, and insist upon being considered **RESPONSIBLE AND ABIDING**. Our terms shall be reasonable and uniform. Please write us for circulars.

Particular attention given to the resuscitation and completion of old, neglected Hedges. Osage Orange Seed and Plants, good and fresh, always on hand in proper season. Printed instructions accompany them when desired.

[May 1857-3y.

HOOFLAND'S German Bitters

Will effectually cure

Liver Complaint, Dyspepsia, Jaundice, Chronic or Nervous Debility, Diseases of the Kidneys, and all diseases arising from a disordered Liver and Stomach.

Every family should have a bottle of these bitters in the house.

ONE DOSE will instantly relieve a sick stomach.

ONE DOSE will cure the most distressing heart burn.

ONE DOSE will allay any agitation of the nerves.

ONE DOSE, taken an hour before meals, will give a good appetite.

ONE DOSE will, in many cases, cure the most severe headache, when proceeding from a disordered stomach.

These Bitters can be obtained at any Druggist's or seller of Patent Medicines in the United States or Canada. Price 75 cents per bottle.

Sold by H. Blakesley, St. Louis.

Oct. 4th.

AYER'S CATHARTIC PILLS.

 The sciences of Chemistry and Medicine have been taxed their utmost to produce this best, most perfect purgative which is known to man. Innumerable proofs are shown that these Pills have virtues which surpass in excellence the ordinary medicines, and that they win unprecedentedly upon the esteem of all men.

They are safe and pleasant to take, but powerful to cure. Their penetrating properties stimulate the vital activities of the body, remove the obstructions of its organs, purify the blood and expel disease. They purge out the foul humors which breed and grow distemper, stimulating sluggish or disordered organs into their natural action, and impart healthy tone with strength to the whole system. While they produce powerful effects, they are, at the same time, in diminished doses, the safest and best physic ever employed for children. Being sugar-coated, they are pleasant to take; and being purely vegetable, are free from any risk of harm. Cures have been made which surpass belief were they not substantiated by men of such exalted position and character as to forbid the suspicion of untruth. Many eminent clergymen and physicians have lent their names to certify to the public the responsibility of my remedies, while others have sent me the assurance of their conviction that my preparations contribute immensely to my afflicted, suffering fellow-men.

Prepared by Dr. J. C. AYER, Lowell, Mass., and sold by every respectable Druggist in the United States.

Sold by Barnard, Adams & Co., St. Louis, Mo., Miller & Co., Louisville, Ky., Wholesale Agent.

Sept.

WISNER'S PATENT WASHING

TUBS

This Tub is easily worked, washes rapidly and well, and does not injure the fabric AS MUCH as hand rubbing. By its use every kind of wearing apparel, together with spreads, quilts and blankets, are easily and thoroughly cleansed, and the finest linens are washed without injury. If you wish to lighten the labor and facilitate the process of washing, TRY ONE OF THESE TUBS.

County rights for sale.

For sale by T. M. EASTERLY,

Daguerrean, 71 S. E. cor. Fourth and Olive sts.
S. S. BRAINERD, No. 108 North Fourth street.
JOHN J. LOCKE, No. 105 North Fourth street.
WARNE, CHEEVER & CO., No. 29 Main street.

S. J. MITCHELL'S PREMIUM LIGHTNING RODS.



These superior rods are of Carbonized Ennealed Iron, with Electro positive elements combined in the manufacture, thus rendering them equal to copper as conductors. They are ten feet in length, with accurately fitted brass screw connecting joints, an entire new style of metallic attachments for brick or frame buildings; also, insulators of novel and ingenious construction. These insulators are three inches in diameter, and of sufficient strength to prevent the many accidents that occur from the use of the common small insulator. All insulators are marked in large letters, S. J. Mitchell. The whole mounted with a five prong copper point, tipped with platinum, twelve inches long, which possesses the power to an extraordinary extent of discharging the opposite elements of a most fearful thunder storm, and embraces the entire perfection of science up to the present time, constituting the most magnificent and perfect SILENT CONDUCTOR ever presented to the public.

Merchants and dealers are requested to call and examine before purchasing elsewhere. All orders addressed tome through the Post-office, or left at the shop, on Twenty-first street, above Franklin Avenue, will be promptly attended to.

n. b. tf. S. J. MITCHELL, St. Louis.

LACLEDE NURSERIES.

ALBERT A. BARNARD,



DEALER IN

ALL KINDS OF

FRUIT AND ORNAMENTAL TREES, AND SHRUBBERY.

Roses of every description, Evergreens, &c., &c.
GROUNDS Three Miles West of city, on Clayton Road.
OFFICE, at Plant's Seed Store, No. 203 North Fourth Street, and 218 Broadway, St. Louis, Mo. 912.

FINE FLOWERING ORNAMENTAL SHRUBS.

A splendid assortment of the Finest and Best Ornamental Shrubs will be kept on hand at the ST. LOUIS NURSERIES, comprising among others the following well known kinds: Amygdalus, Cydonia, Berberry, Deutzia, Forsythia, Hibiscus, Lonicera, Magnolia, Philadelphus, Ribes, Spirea, Amorpha, Syringa, Halesia, Tamarix, Viburnum, Weigelia, &c., &c.

ROSES—Hardy Perpetual, Bourbon, Noisette, Bongi, Tea Scented, Moss and Climbing Roses, &c.

Hardy Perennial Border Plants, always on hand.

The experience of many years in improving Ornamental grounds will enable the subscriber to make the proper selection of Ornamental Shrubbery where such choice is confided to him by the purchaser. Those intending to beautify their grounds, and entrusting their orders to him may rest assured that no pains will be spared to furnish them with the best and most beautiful kinds. Where timely notice is given, any order for Shade Trees and Evergreens for Parks, Cemeteries and Private Grounds can be furnished.

PLANS for the laying out and improvement of grounds can also be furnished.

All orders to be addressed to M. G. KERN, St. Louis Nurseries, St. Louis, Mo.

 **Dr. C. De MONTREVILLE,**
SURGEON DENTIST,
No. 59 North Fifth street, between Olive and Locust,
ST. LOUIS, MO.

The natural Teeth will receive all the care of which they are susceptible, by the operations of Cleansing and Filling with Gold to insure them from loss,—or Extracting when useless from decay. The teeth of children carefully attended to.

Artificial tooth inserted by various methods, on pivots on the natural roots, on atmospheric pressure, suction, clasps, or springs,—on solid silver, platinum, porcelain, aluminium, gutta percha, or in any desired way, to suit the inclinations, the purse and the pleasure of those who may require.

Fifteen years of active practice in this city and the city of New York, will warrant me in saying that the whole resources of the Art will be employed in the just perfecting of any work entrusted to me. Marly.

BOOKS FOR FARMERS AND THEIR WIVES.

American Cattle Doctor. By Dadd	1 00
American Poultry Yard. By Browne	1 00
Allen on Domestic Animals	75
Dana's Muck Manual	1 00
Miles on the Horse Foot	50
Miles on Horse Shoeing	75
Norton's Scientific Agriculture	65
Nashe's Progressive Farmer	65
Reemelin's Vine Dresser's Manual	50
Saxton's Rural Hand Book, 2 volumes	2 50
Youatt & Martin on the Hog	75
American Farm Book, by Allen	1 00
American Fruit Garden, by Barry	1 25
Buist's Kitchen Gardener	75
Buist's Flower Garden Director	1 00
Buel's Farmers' Instructor, 2 vols	1 00
Complete Farmer and Gardener, by Fassenden	25
Grape Grower's Guide	65
Loudon's Ladie's Flower Garden Companion	1 00
Thomas on Farm Implements	1 25
Stephens' Book of the Farm	1 00
Dadd's Horse Doctor	1 25
Dadd's Cattle Doctor	1 25
Guenon on the Milk Cow	66
Mason's Farrier and Stud Book	1 25
Morgan Horses, by D. C. Linsley; New & valuable	1 00
Stewart's Stable Book	1 50
Youatt on the Horse	1 25
Youatt and Martin on Cattle	1 50
Farmer's Land Measure, by Pedder	25
Mrs. Hale's Cook Book, \$1, Miss Leslie's do	1 00
Miss Beecher's do 75c. Miss Widdifield's do	1 00
All the other good Cook Books, besides many other useful works for the Farm and the House; and a large stock of Standard Books, and Stationery.	

Send by mail, or otherwise, or call at

J. M. CRAWFORD'S, 30 & 32 Chestnut street,
Next door to the Office of the "Valley Farmer,"
Feb. 56, St. Louis, Mo.

LATOURETTE & WYMAN,

MANUFACTURERS OF

LINSEED AND CASTOR OILS.

OFFICE AND WORKS, Corner of Second & Columbia Sts.

SAINT LOUIS, MISSOURI.

Cash paid for Flaxseed and Castor Beans.

CURE SURE FOR LUNG FEVER

IN EARLY STAGES;

AND THE BEST CURE IN ALL CASES FOR
Coughs, Quick Breathing, Soreness
of the Chest and Throat in
HORSES, MULES, JACKS & CATTLE.

JOSEPH STOCKDALE, Agent Springfield, Ill.

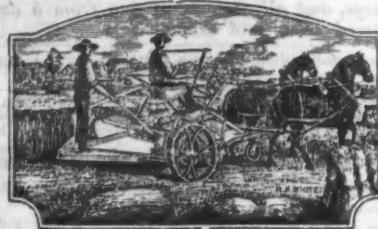
Prepared by the author of the Book "Educated Horses, Phrenology, Physiology, Treatment of Diseases,"
Medicine to be found in St. Louis, Mo.

Dr. DENTON OFFUTT.

PRICE \$1 PER BOTTLE.

NEW SEED AND AGRICULTURAL WAREHOUSE.

On Sixth street, between Main & Market sts.
LOUISVILLE, KY.



In addition to the manufacture and sale of MANNY'S IMPROVED PATENT COMBINED MOWING and REAPING Machines, at my old stand on Sixth street near Main, I have opened a general

Seed and Agricultural Warehouse,

where may be found all the articles usually kept in similar establishments, consisting in part of the following: Manny's Combined Mowing and Reaping Machine, with all the improvements; Horse Powers and Threshers, Straw Cutters, Corn Shellers, Wheat Fans, Clover Mills, Plows of various kinds, Harrows, Cultivators, Horse Rakes, &c., &c. Also Scott & Hedges' Little Giant Corn and Cob Mills of the various sizes, and also their new Patent Steam Boilers.

SEEDS,

I have also a complete assortment of fresh and genuine Garden Seeds, at retail or by the box, at a liberal discount to merchants. Also Grass Seeds, embracing Clover, Orchard Grass, Timothy, Red Top and Millet Seed: Also Kentucky Blue Grass, Cleaned in a superior manner: Chinese Hemp Seed, Osage Orange Seed, Osage Orange plants, &c., &c.

Also FRUIT TREES; Brooks' New Seedling Strawberry Plants. Chinese Sugar Cane Seed sent in packages by mail.

H. B. HOWARD.

SIGERSON'S

SEED STORE

& AGRICULTURAL WAREHOUSE,

Corner of Broadway and Wash Streets, St. Louis.

THE undersigned beg leave to acquaint their numerous customers in the West, that they will have for sale this spring, the largest and best selected stock of

Field, Garden and Flower Seeds, ever offered for sale in this market; and to which will be added a large and complete stock of

AGRICULTURAL IMPLEMENTS, Embracing every conceivable variety likely to be wanted by Farmers and Gardeners. They pledge themselves that their stock for the Spring has been selected from the most reliable manufacturers in the East, and with unusual care.

They flatter themselves that their experience in Agriculture and Horticulture, has enabled them to make such selections as will give the most entire satisfaction to their customers.

JOHN SIGERSON & BRO.

Agricultural and Horticultural Books.

THE undersigned take pleasure in stating to their former patrons and the public generally, that they have now on the way from the East, by Express, the most full, complete, and best selected stock of Agricultural Books ever offered in the West. A Descriptive Catalogue of Agricultural Implements, Field, Garden, Flower seeds, Agricultural and Horticultural Books, &c., will be forthcoming in a few days, and will be furnished to all post paid applicants free of charge.

jan'57. JOHN SIGERSON & BRO.
Corner of Broadway and Wash sts., St. Louis, Mo.



WHITLEY'S PATENT PORTABLE DOUBLE CIRCULAR SAW MILL.

PATENTED MARCH 4, 1856.

MANUFACTURED BY CLARK, AVERY & VOORHEES.

AT THE PEOPLE'S IRON WORKS,

Main street, between Florida and Mulamphy streets, North of the Shot Tower, St. Louis, Mo.

The Simplicity, Cheapness, Durability, Strength and Easy Management of this Mill, makes it the best now in use. A glance at its combined improvements cannot fail to convince every person of the superiority over any other for making lumber. It is constructed with two Saws, one above the other, and in line with each other, so as to assist in cutting off the slab, swell, butts and knots, and splitting large logs. The top saw can be moved on the arce, so as to cut two planks with one run of the carriage, and in cutting fencing it will cut from two to eight boards with the two saws. The after end of the two saw shafts are connected by an arm, which acts as a fulcrum for both shafts, and serves for their adjustment, so as to have complete control of the saws whilst running, and keeping them true with each other whilst cutting. It is capable of sawing 1000 feet per hour, and will work without sawing crooked, in all kinds of timber. We warrant the Mills to perform in every respect as represented.

One of these Mills can be seen in operation at the PEOPLE'S IRON WORKS, where the public are invited to examine for themselves, and any information respecting them will be cheerfully given on application to ISAAC L. GARRISON, President of the Home Mutual Insurance Company, corner of Main and Vine streets.

Horse Powers and Steam Engines furnished with the Mills at short notice and upon satisfactory terms.
CLARK, AVERY & VOORHEES.
St. Louis, Saturday, 1856.

ST. LOUIS
M. G. KERN,

Respectfully begs leave to announce

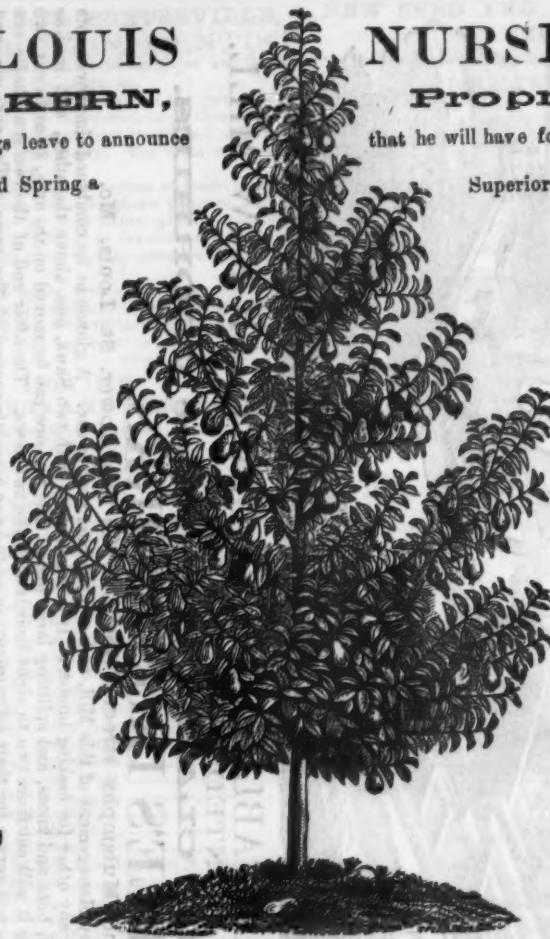
Fall and Spring a.

FRUIT

AND

Ornamental

TREES,



NURSERIES,
Proprietor,

that he will have for sale, the ensuing

Superior Stock of

Shrubby,

VINES,

ROSES,

&C., &C.

His Nurseries will contain such varieties of Fruit Trees as are known to succeed best in the Climate and Soil of the West and South-West, consisting of

STANDARD APPLES, of the best Summer, Fall and Winter varieties.

DWARF APPLES, on Paradise and Doucain Stocks.

STANDARD PEARS.

DWARF and HALF STANDARD PEARS, on Quince Stocks.

STANDARD and DWARF CHERRIES.

STANDARD and DWARF PLUMS.

PEACHES, a very large collection and of the very best varieties.

APRICOTS, NECTARINES, QUINCES, &c.

GRAPE ROOTS and CUTTINGS, Isabella, Catawba, and other varieties.

GOOSEBERRIES, RASPBERRIES and Currants, of the various kinds.

THE ORNAMENTAL DEPARTMENT

WILL COMprise

ORNAMENTAL DECIDUOUS TREES,

EVERGREEN TREES, of various species and of different ages and sizes,

FLOWERING SHRUBS, all of the most desirable kinds,

ROSES, of the most beautiful varieties, selected after many years of culture and experiment,

PEONIES, PHLOXES and CHRYSANTHEMUMS of the finest sorts.

All varieties of Tree and Shrub warranted true to name.

The proprietor hopes, that from a thorough acquaintance with the Nursery business, in all its departments, and by a personal supervision of his Nurseries, to give entire satisfaction to all who will favor him with their patronage.

He will receive orders at the Office of the **VALLEY FARMER**, corner of Second and Chestnut streets, St. Louis, Mo., or at his Nurseries situated on the Olive Street Plank Road, five miles West of the city. Orders by letter may be addressed to M. G. KERN, St. Louis Nurseries, St. Louis, Mo.

no. 8. if.



NEW
AGRICULTURAL
WAREHOUSE



AND
SEED
STORE

DAVID LANDRETH,

WHOLESALE AND RETAIL DEALER IN

Garden, Grass and other Seeds.
MACHINE, AGRICULTURAL IMPLEMENT AND TOOLS.

No. 18 South Main street,
SAINT LOUIS, MO.



Manufactured at Landreth's Agricultural Works,
Bristol, Pa., and for sale in St. Louis, at his Ware-
house, only.

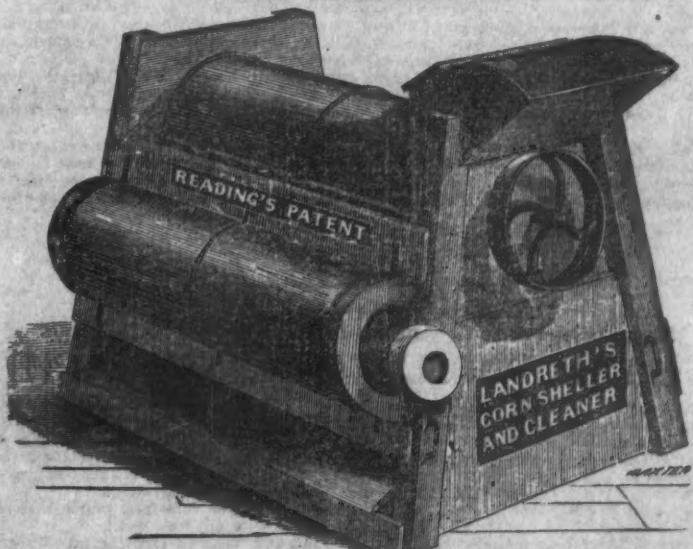
Farmers will take notice, this Sheller has Concave
Feeding Wheels and Bevelled Cogs, to prevent choking,
and are warranted superior to any other Hand Sheller
now in use.

Price \$28.00. A liberal discount to Wholesale Pur-
chasers.

D. LANDRETH.

No. 18 South Main Street.

LANDRETH'S CORN SHELLER AND CLEANER



This machine is truly extraordinary in its power and capacity, and will unquestionably work an important
change in the cost of preparing corn for market; and it is by no means too much to say, will save the farmers of
the great corn producing States Tens of Thousands of Dollars yearly. With a new one horse tread power, One
Hundred and Forty bushels of Ears have been shelled within an hour, not as an experiment, but as ordinary
labor. For sale only at

Price with Fan.....\$75 00

" without Fan.....\$60 00

LANDRETH'S AGRICULTURAL HOUSE,

No. 18 South Main street, St. Louis, Mo.

[J. A. '58]

M. G. MOIES & CO.,

NO. 16

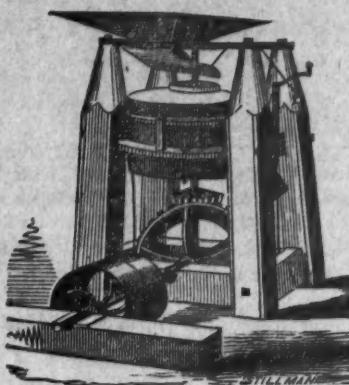
ARE

Main street,

Sole Agents

ST. LOUIS, MO.

FOR THE SALE OF



STRAUB'S CELEBRATED CORN AND WHEAT MILL QUEEN OF THE SOUTH.

PATENTED JUNE 27, 1854.

This remarkable Mill has been kept secured to the inventor by caveat—recently, however (27th June, 1854)—Letters Patent for the United States have been granted, securing the invention for 14 years. This Mill has sustained itself wherever it has been brought into competition with other Mills. It was run against the other mills of Mills of our city at the Ohio State Fair, in 1850, when it drew a Diploma as the best Corn Mill and was awarded a fine silver medal.

Of these mills we manufacture five sizes for corn, and three expressly for grinding wheat flour.

The peculiar novelty of this mill is, the under stone is the running stone, in all cases. There is no limit to the speed, and as speed is everything in grinding, it will out-grind any upper runner in the world.

Secondly: By this arrangement, we are enabled to get grain into the Mill with a very small eye; consequently we grind nearer to the centre, and of course with less power than any upper runner can be made.

Thirdly: Our mill takes any kind of grain without choking. We warrant against choking in all cases. This is a great vexation, causing delay and trouble in all Mills where the upper stone is the runner. Of course, we mean small mills, where the motion must be high to do much business.

Fourthly: Our Mills never take injury by running empty—the under stone not touching the upper one, no injury can be done. This is an important advantage over all Mills whose upper stone is the runner. Ten minutes running without feed—where a heavy runner is balanced on a rye—will do the Mill more injury than six months proper using.

Fifthly: In all Mills where the upper stone is the runner, there is often much trouble to keep the bush properly oiled; if neglected, the Mill must take injury. Our mills are free of this, because we have no bush in the Mill. We have a bearing entirely above all the stones, in sight, and can be oiled at any time when grinding.

We manufacture our Mill stones of the best French Burr Blocks the market affords, all of which we warrant superior.

M. G. MOIES & CO.,

NO. 16 MAIN STREET, ST. LOUIS, MO.,

Manufacturers and Agents for the Sale of All Kinds of
IRON AND WOOD WORKING MACHINES.

Keep constantly on hand, LATHES that swing from 8 inches to 7½ feet. PLANERS that plane from 2 to 30 feet long and from 18 inches to 8 feet wide. Hand Lathes and Drills of every description. Every kind of tool for Wood Work. Planing Machines, Sash Moulding Machines, Tenoning and Mortising machines.—Woodworth's, Norcross', Daniel's, Neye's and Farrar's Planers; in fact every Tool that is used in a Machine or Carpenter Shop.

We also furnish Flouring Mills and Distilleries complete; and have constantly on hand a large assortment of French Burr Stones, Portable Corn and Wheat Mills that we warrant to excel all others.

Portable and other Saw Mills run by steam, water or horse power. Our Saw-mills cannot be excelled, and the large variety we keep gives the purchaser a decided advantage in selecting from our stock, over any other in the Western country. We have constantly on hand Page's, Child's and Norcross' Combination, Muley, and King of the Wood, and the Sash Saw-mills, and Shingle machines.

Also an extensive assortment of ENGINES, capacity from 3 to 100 horse power, and the most complete Portable Engines ever offered in the West. And as for Pumps we cannot be beat in variety and quality; we keep those adapted to mining, Pork Houses, Railroads, Distilleries, Mills, &c. Leather and Rubber Belting and Packing.

The great advantage the purchaser has in buying of us is, that he can get everything he wants to start any kind of a mill in 24 hours after we get the order; which saves him the trouble of looking up the different parts, often to the great annoyance of the purchaser. And as we WARRANT everything we sell, the purchaser has only one party to look to for redress in case anything is wrong.

Aug. 5.



201-204 left with no.
**LITTLE GIANT CORN AND COB MILL
AND
Agricultural Implement Warehouse**

175 and 177 MAIN STREET, opposite the Virginia Hotel.

SAINT LOUIS, MO.

JAMES B. CHADWICK

Keeps constantly on hand a general assortment of

Farming Implements,

And respectfully solicits the patronage of those desiring such. Is also proprietor in the West for the

Little Giant Mill.

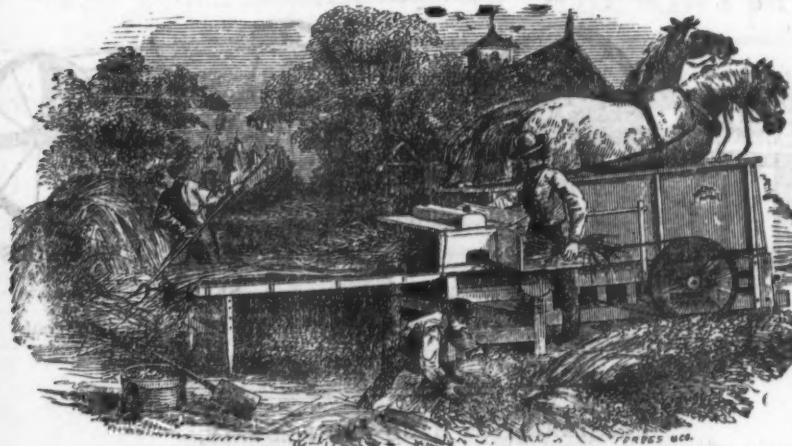
Agent for HEDGES' CHINESE SUGAR CANE MILL, STEAM BOILER, SCOTT'S CRESCENT MILL, Etc., Etc.

MOWERS and REAPERS, PLOWS and CULTIVATORS,
HORSE POWERS, HARROWS,
THRESHERS and SEPARATORS, SHOVELS and SPADES,
STRAW CUTTERS, CHURNs,
SHELLERS, HAND and HORSE RAKES,
FORKS, GARDEN TOOLS,
SCYTHES and SNATHS, MORTICING MACHINES,
CRADLES, POST AUGERS,

And other economical and labor-saving Machines and Tools.

500 Bushels of Choice Northern Seed Buckwheat. 100 bushels Shipped Improved White Flint Corn, very superior for Seed, with which other varieties will not hybridize, for sale by

J. B. CHADWICK.



EMERY'S PATENT
**Changeable Railroad Horse Power
THRESHER, SEPARATOR SAW, &c.**

The subscriber is now sole agent for the above celebrated Machines in St. Louis, to whom application should be made by parties wishing the GENUINE article. Persons living on or near the rivers convenient to St. Louis, or any Railroad leading from the latter place, can always be supplied on more favorable terms here than elsewhere.

A Circular containing price and description will be forwarded gratis to applicants by

JAMES B. CHADWICK.

CHINESE SUGAR CANE.—A Circular of Instruction for Choice of Ground, Time and Mode of Planting, Cultivating, and Stripping the Chinese Cane, will be forwarded gratuitously to all applicants, by

JAMES B. CHADWICK,

Little Giant and Agricultural Implement Warehouse, 175 and 177 Main street, St. Louis.

ST. LOUIS AGRICULTURAL WORKS

WAREHOUSE AND SEED STORE.

ESTABLISHED 1845, BY WM. M. PLANT.

CLARK, PLANT & NORRIS,

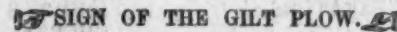
(SUCCESSIONS TO WM. M. PLANT & CO.,)

MANUFACTURERS OF AND WHOLESALE AND RETAIL DEALERS IN

Agricultural Machines and Tools,

IN ENDLESS VARIETY; ALSO

GARDEN, GRASS AND OTHER SEEDS.



No. 14 North Main Street, between Market and Chestnut streets.,

ALSO, NO. 203, NORTH FOURTH ST., OR 218, BROADWAY,

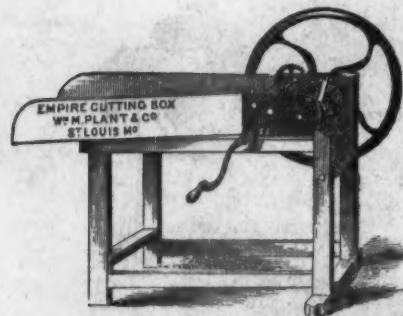
between Morgan Street and Franklin Avenue.

MANUFACTORY, NORTHWEST CORNER OF MAIN AND BIDDLE.

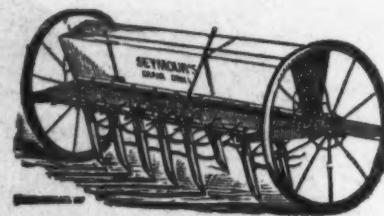
ROLLIN CLARK,
WM. M. PLANT,

St. Louis, Mo.

A. B. NORRIS,
J. F. SMITH,



Empire Hay, Straw & Corn Stalk Cutter.



WHEAT DRILL AND BROADCAST
SEED SOWER.

Descriptive Circulars furnished gratis.

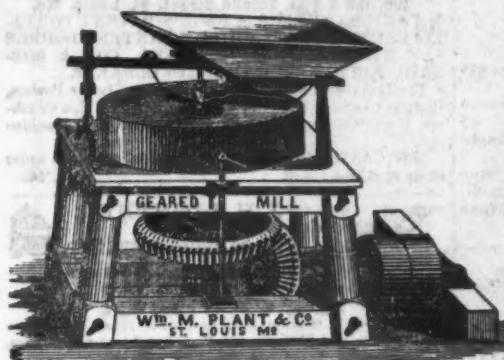
CONSTANTLY ON HAND AND FOR SALE,
LEVER & RAILROAD HORSE POWERS
THRESHERS with SEPARATORS,
THRESHERS with CLEANERS.
MOWERS and REAPERS,
STRAW and HAY CUTTERS,
CORN SHELLERS,
PLOWS, HARROWS,
CULTIVATORS,
CIDER MILLS.
FAN MILLS,

CHINESE SUGAR CANE, CHINESE HEMP SEED, AND HUNGARIAN GRASS SEED.
Our Descriptive Catalogue furnished gratis on application at warehouses, or by mail, when five cents
are sent to prepay the postage.

AGRICULTURAL BOOKS,
TIMOTHY SEED,
CLOVER "
RED TOP "
BLUE GRASS "
HEMP "
MILLET "
CANARY "
GARDEN and FLOWER SEEDS,
BIRD CAGES, &c.

CLARK, PLANT & NORRIS.

BURROW'S PATENT GRIST MILL.



THESE Mills are composed of the best quality of French Burr Blocks, enclosed in a Cast Iron Case to give strength and weight to the Stone which is indispensable in small Mills, where the stone is run with great speed, and becomes dangerous if not strongly made.

They can be run with Steam, Horse, or Water Power and do not require a millwright to set them up, as they are already trimmed to run.

By the steady application of Three Horses on a good Lever Power, the 24 inch geared Mill (\$150) run 240 revolutions per minute—will grind from 5 to 8 bushels of good meal per hour, and will grind Wheat as well as Corn. The 30 inch Mill, if put to its fullest speed, will grind from 10 to 15 bushels per hour.

We have been agents for these superior Mills since 1852, and all have been sold on a warrant to perform as above, and not one has failed to give the very best of satisfaction.

We offer them to the public with a full guarantee that they are superior both in point of work and workmanship, to any other Portable Grist Mill now in use.

Descriptive circular furnished gratis to applicants.

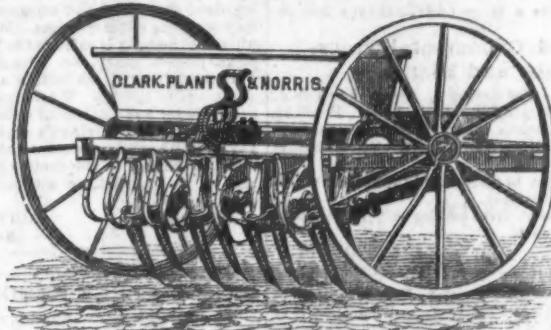
PRICES.

20 inch Stone with Pully	\$115 00	with Gear	\$125 00
24 " "	135 00	" "	150 00
30 " "	175 00	" "	200 00
36 " "	225 00	" "	250 00

The 30 inch, with Gear, is admirably adapted to use with Saw Mills. Bolting Cloth and Belt furnished with Mills when desired, by

CLARK, PLANT & NORRIS.

SELBY'S PATENT WHEAT DRILL AND BROADCAST SEED SOWER.



MANUFACTURED BY CLARK, PLANT & NORRIS, ST. LOUIS, MO.

Owning the exclusive right for the manufacture of this superior Drill for Missouri, Arkansas, Texas, Louisiana, Mississippi, Tennessee, Kentucky, Nebraska and Kansas Territories; also having the right to sell in any of the States and Territories, we are now manufacturing 500 for the fall sales of 1857, and would advise all who are in want of a first rate Drill, to order early to insure being supplied.

This Drill took the first premium and Diploma at the St. Louis Agricultural and Mechanical Association, and the Illinois State Fair in the fall of 1856, and all the fairs where exhibited.

Descriptive Circulars, showing the advantages to be gained in drilling all small grain, furnished gratis.

Price of Drill complete, with Seed Sower attached, \$90. Terms half cash, balance approved note, due 1st January following purchase, or \$35 cash on delivery.

CHEAP SEWING MACHINES!

Removed to 85 Fourth Street,
Under the Grimsley House.

Watson's Sewing Machine.....	Price \$10
S. F. Pratt's Ladies' Companion Sewing Machine.....	\$12 to 30
Galt & Gray's Sewing Machine.....	25
Orders received for Hunt & Webster's, Emery, Haughton & Co.'s, and all other cheap machines.	

There has been so much inquiry about cheap sewing machines, we have resolved to keep samples of them all, in order that the public may have an opportunity to compare them with

SINGER'S CELEBRATED FAMILY SEWING MACHINE, THAT RECEIVED THE PREMIUM

At the ST. LOUIS FAIR, September 30, 1857.

The deliberate decision of the Awarding Committee, at the recent St. Louis Fair, after a thorough and careful examination of all the competing machines, is simply a confirmation of the opinion expressed in like manner, at the great World's Exhibition in Paris, at the Fair of the American Institute in New York, and at all similar exhibitions where Sewing Machines have been subjected to a thorough test. It also corresponds with the popular sentiment wherever Singer's machine is used, leaving not a shadow of doubt that Singer's is the best Sewing machine in the world.

NOW IS THE TIME

To buy a Singer's Sewing Machine. If you have Bank bills that are current to-day, they may be discredited to-morrow. Buy a Singer's Sewing Machine, it is a good investment under all circumstances—if you fail entirely, it will afford you a handsome income, and if you survive the panic it is worth quadruple its present price.

ED. DEAN.

BLOOMINGTON NURSERIES, BLOOMINGTON, ILLINOIS.

The subscriber offers a large and RELIABLE assortment of

Fruit and Ornamental Trees,

Shrubs and Plants,

at lowest cash rates. For instance, apples 5 to 7 feet, per 1000 \$100; per 100 \$12.50; each 15 cents. Peach 15 cents. Pear 25 to 50 cents. Cherry 20 to 40 cents, and other things in proportion. Catalogues, both wholesale and retail, gratis.

Autumn is the time to plant hardy bulbs, of which there is a magnificent supply.

Ten per cent discount from catalogue prices to those who purchase in the fall.

Nov. 1.

F. K. PHENIX.

WM. J. KEY, Wholesale and Retail Dealer in OSAGE ORANGE PLANTS, and BUILDER of HEDGES. Glasgow, Mo. n4, tf.

TO SEEDSMEN, PLANTERS, &c. Thorburn's Preliminary Wholesale Priced List of VEGETABLE AND AGRICULTURAL SEEDS, DUTCH BULBOUS ROOTS, DOUBLE DAHLIAS &c. For the fall of 1857, is just published, and will be mailed to Dealers and others requiring Seeds in quantities, enclosing a stamp for return postage.

This year's Seeds, so far as have shed, are of prime quality, generally abundant, and prices correspondingly moderate.

J. M. THORBURN & CO.

SEEDSMEN, &c.

Sep. 3.

15 John street, New York.

GEORGE KINGSLAND,
DAVID K. FERGUSON:
LE ROY KINGSLAND,
KINGSLAND & FERGUSON,

Phoenix Foundry:
190, 198 & 200, Second Street, St. Louis, Mo.
MANUFACTURERS of PAGE'S PATENT PORTABLE SAW-MILLS, CHILD'S PATENT DOUBLE SAW-MILLS and HORSE POWERS: COX & ROBERT'S PATENT THRESHER and CLEANER.

Thresholds with and without Separators, Lever Powers, Endless Chain or Railroad Powers, Corn and Cob Crushers, Corn Shellers, Plows, Bark Mills, and Mill Machinery.

CASTINGS of every description, made to order at short notice.

Jan. '56.

J. H. LIGHTNER,

No. 83 SECOND STREET,

between, Olive and Locust, St. Louis, Mo.

MANUFACTURER AND DEALER IN

STOVES.

Charter-Oak, Golden Era, and other select patterns—also, Parlor and Shop Stoves, Parlor and common Grates, Sugar Kettles, Dog-Irons, &c. Also—

PLOWS.

Moline, Peoria, Diamond and other patterns for Prairie Breaking, or Fallow; also, Contractor's Iron Plow, for Railroads.

[Ja.'56, 1y.



HEDGING.

We have about 100 acres planted to Osage Orange in Western Missouri, Iowa, Nebraska and Kansas. Will make hedge fences upon a principle entirely new, that will succeed with or without trimming, possessing five important advantages over the usual system, viz: suffering no injury if frozen down every winter, neither if fire ran through it. Protect stock better against the cold winds, and all the expenses semi-annually, trimming saved. Also not so liable to thin out at bottom. Our nurserymen are authorized to sell plants at \$5 per 1000. The purchaser will be furnished directions for planting upon the above principle; also any person wishing hedging done should let the nurseryman know it, that we may see them when we come. We will take in payment where the amount is sufficient to justify it, horses, mules, jacks, jennets, sheep, &c. Plants may be set any time from the falling of the leaf in autumn to the bursting of the bud in Spring. We design planting nurseries in every county and settlement (where thought practicable) in the States and Territories above named, and northern Texas. Will take contracts to hedge when ten miles or over can be had in the same vicinity. Also hedge for part of the land with or without the land being previously enclosed.

Address

JOHN D. THOMPSON.

Rural, Jasper Co., Mo.

GEO. G. CURTIS.....JNO B. FOYNTZ.

100,000 APPLE SEEDLINGS for Sale.

We have the above number of thrifty one year old Apple Seedlings for sale the coming fall.

Price \$5.00 per 1000. Address,

GEO. G. CURTIS & CO.,

24. Rochester Nurseries, Maysville Kentucky.

Dr. Urban's Inebriates's Hope.

A cure for Intemperance, Delirium Tremens, and Neuralgia. One package will cure an ordinary case of intemperance; two packages will cure the most inveterate drunkard of all desire for alcoholic drinks. \$1.50 enclosed by mail to Raymond & Patton, 74 Fourth street, Louisville, Ky., will insure the return by mail of one package, four packages for \$5, postage free. Explanatory circulars, together with prominent references in all parts of the Union, sent gratis on application as above.

PORТАBLE CIRCУLAR SAW MILL

WITH Steam Power, these Mills are capable of sawing from THREE to EIGHT Thousand feet of lumber in a day, varying according to the power applied and kind of timber sawed. With Horse Power are capable of sawing from ONE to TWO thousand feet per day, according to the kind of timber sawed, and with either Steam, Water or Horse Power, will saw more lumber and in a better style, than any other kind of mill now in operation. With the CHILD'S PATENT DOUBLE MILL, any sized timber can be sawed. The simplicity in their operations, durability and adaptation of these Mills to the wants of the country, and successful practical operation of those in use,

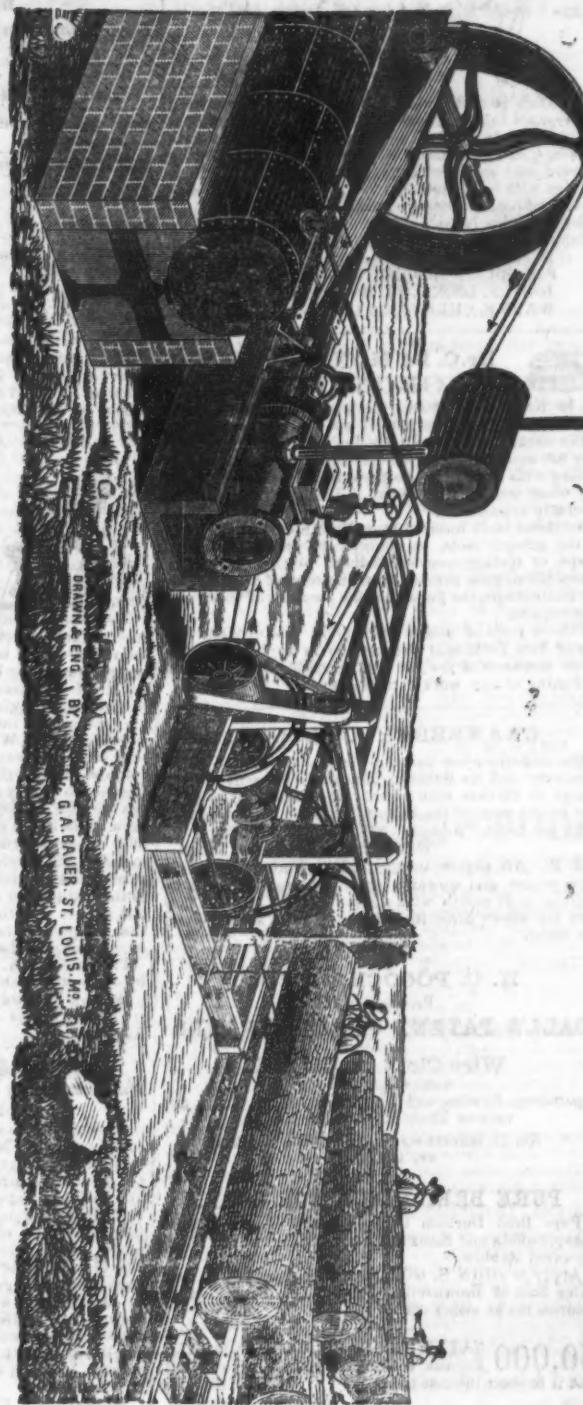
PAGE'S PATENT

together with their becoming almost entirely used, has been the means of establishing their great reputation.

With our experience for the past ten years in making these Mills, and with improvements and increased facilities in manufacturing, we offer them to the public with the fullest confidence of their superior advantages over all others. Having the right of manufacturing for a large portion of territory West and South, we can furnish either the SINGLE or DOUBLE Mill as preferred, for Steam, Water or Horse Power.

Orders respectfully solicited, and any further information cheerfully given.

PHOENIX FOUNDRY, Corner Second and Cherry Sts., St. Louis.



DRAWN & ENG'D BY G. A. BAUER, ST. LOUIS, MO.

WISNER'S PATENT WASHING



This Tub is easily worked, washed rapidly and well, and does not injure the fabric AS MUCH as hand rubbing. By its use every kind of wearing apparel, together with spreads, quilts and blankets, are easily and thoroughly cleansed, and the finest lace is washed without injury. If you wish to lighten the labor and facilitate the process of washing, TRY ONE OF THESE TUBS.

County rights for sale.

For sale by T. M. EASTERLY,

Daguerrean, 71 S. E. cor. Fourth and Olive sts.
S. S. BRAINERD, No. 168 North Fourth street.
JOHN J. LOCKE, No. 165 North Fourth street.
WARNE, CHEEVER & CO., No. 29 Main street.

 Dr. C. De MONTREVILLE,
SURGEON DENTIST,
No. 59 North Fifth street, between Olive and Locust,
ST. LOUIS, MO.

The natural Teeth will receive all the care of which they are susceptible, by the operations of Cleansing and Filling with Gold to insure them from loss,—or Extracting when useless from decay. The teeth of children carefully attended to.

Artificial teeth inserted by various methods, on pivots on the natural roots, on atmospheric pressure, suction, clasp, or springs,—on solid silver, platina, porcelain, aluminium, gutta percha, or in any desired way, to suit the inclinations, the purse and the pleasure of those who may require.

Fifteen years of active practice in this city and the city of New York, will warrant me in saying that the whole resources of the Art will be employed in the just perfecting of any work entrusted to me. Marly.

CRANBERRY CULTURE.

The subscriber has issued a Circular in relation to the Cranberry and its Culture. They will be sent free of charge to all that wish them. The Plants will also be sent to any part of the United States, to those ordering, at \$5 per 1,000. Address SULLIVAN BATES,

Bollingham, Norfolk Co., Mass.

N. B. All papers in the United States circulating 8000 papers and upwards shall receive 600 plants by express, next month with a sample of the fruit, if they give the above three insertions and send me a copy of the same.

Oct. 31.

H. C. POCOCKE & CO.,
Proprietors of
BALL'S PATENT GRAIN CLEANER
AND

Wire Cloth Smut Mill.

MANUFACTURERS OF
Separators, Suction and Blast Fans, Wire Cloth, and
various kinds of Mill Machinery,
No. 21 Market street, " Herald Building,
ST. LOUIS, MO.

PURE BRED STOCK FOR SALE.

Pure Blood Durham Cattle, French Sheep, Spanish Sheep, Suffolk and Hesse Pigs, and Madagascar or Fanciful Impeccable Rabbits.

Apply to JOHN S. GORE, near Tippennan P. O., just within limit of Monaca, Fayette Co., Pennsylvania. Address me at either office.

HOFLAND'S
German Bitters

Will effectually cure

Liver Complaint, Dyspepsia, Jaundice, Chronic or Nervous Debility, Diseases of the Kidneys, and all diseases arising from a disordered Liver and Stomach.

Every family should have a bottle of these bitters in the house.

ONE DOSE will instantly relieve a sick stomach.

ONE DOSE will cure the most distressing heart burn.

ONE DOSE will allay any agitation of the nerves.

ONE DOSE, taken an hour before meals, will give a good appetite.

ONE DOSE will, in many cases, cure the most severe headache, when proceeding from a disordered stomach.

These Bitters can be obtained at any Druggist's or seller of Patent Medicines in the United States or Canada. Price 75 cents per bottle.

Sold by H. Blakesly, St. Louis.

Oct. 4.

AYER'S CATHARTIC PILLS.

The sciences of Chemistry and Medicine have been taxed their utmost to produce this best, most perfect purgative which is known to man. Innumerable proofs are shown that these Pills have virtue which surpass in excellence the ordinary medicines, and that they win unprecedently upon the esteem of all men. They are safe and pleasant to take, but powerful to cure. Their penetrating properties stimulate the vital activities of the body, remove the obstructions of its organs, purify the blood and expel disease. They purge out the foul humors which breed and grow distempers, stimulating sluggish or disordered organs into their natural action, and impart healthy tone with strength to the whole system. While they produce powerful effects, they are, at the same time, in diminished doses, the safest and best physic ever employed for children. Being sugar-coated, they are pleasant to take; and being purely vegetable, are free from any risk of harm. Cures have been made which surpass belief were they not substantiated by men of such exalted position and character as to forbid the suspicion of untruth. Many eminent clergymen and physicians have lent their names to certify to the public the responsibility of my remedies, while others have sent me the assurance of their conviction that my preparations contribute immensely to my afflicted, suffering fellow-men.

Prepared by Dr. J. C. AYER, Lowell, Mass., and sold by every respectable Druggist in the United States.

Sold by Bernard, Adams & Co., St. Louis, Mo.

" " Miller & Co., Louisville, Ky., Wholesale Agent.

Sept. 3.

Hedge Fences!!

Farmers delay not to plant your Hedges, and see that it is done right.

The subscriber beg leave to say that their increased confidence in the Maclura, or Osage Orange, as the only hope of permanently fencing the prairie, has stimulated them to redouble their efforts in the culture of plants, and they now have the pleasure of offering from fifteen to twenty millions of the most thrifty and beautiful plants, on the most reasonable terms. Great inducements will be offered to planters and wholesale dealers. The plants will be taken up this Fall, and handled and packed with the greatest care, and delivered on the road at Indianapolis and Waukesha, Wis., either in the Fall or spring. A treatise on Hedge culture, detailing all the latest improvements, will soon be issued, and will go gratis to all who apply for it. Orders invited, and good offers wanted, to which we offer very liberal inducements.

Address GUTHRIE & HANNAH,
Bloomington, Ill., Oct. 1st, 1857.

50,000 CATAWBA GRAPE ROOTS FOR SALE.
Persons wishing to plant Vineyards will find it to their interest to apply. M. G. KIRK,
St. Louis, Missouri.

S. J. MITCHELL'S PREMIUM LIGHTNING RODS.

These superior rods are of Carbonized Ennealed Iron, with Electro positive elements combined in the manufacture, thus rendering them equal to copper as conductors. They are ten feet in length, with accurately fitted brass screw connecting joints, an entire new style of metallic attachments for brick or frame buildings; also, insulators of novel and ingenious construction. These insulators are three inches in diameter, and of sufficient strength to prevent the many accidents that occur from the use of the common small insulator. All insulators are marked in large letters, S. J. Mitchell. The whole mounted with a five prong copper point, tipped with platinum, twelve inches long, which possesses the power to an extraordinary extent of discharging the opposite elements of the most fearful thunder storm, and embraces the entire perfection of science up to the present time, constituting the most magnificent and perfect SILENT CONDUCTOR ever presented to the public.

Merchants and dealers are requested to call and examine before purchasing elsewhere. All orders addressed to me through the Post-office, or left at the shop, on Twenty-first street, above Franklin Avenue, will be promptly attended to.

no. 5, if. S. J. MITCHELL, St. Louis.

LACLEDE NURSERIES.

ALBERT A. BARNARD,



DEALER IN

ALL KINDS OF

FRUIT AND ORNAMENTAL TREES, AND SHRUBBERY.

Roses of every description, Evergreens, &c., &c. GROUNDS Three Miles West of city, on Clayton Road. OFFICE, at Plant's Seed Store, No. 203 North Fourth Street, and 218 Broadway, St. Louis, Mo. 9:2.

FINE FLOWERING ORNAMENTAL SHRUBS.

A splendid assortment of the Finest and Best Ornamental Shrubs will be kept on hand at the ST. LOUIS NURSERIES, comprising among others the following well known kinds: Amygdalus, Cydonia, Berryberry, Deutzia, Forsythia, Hibiscus, Lonicera, Magnolia, Philadelphus, Ribes, Spirea, Amorpha, Syringa, Halesia, Tamarix, Viburnum, Weigelia, &c., &c.

ROSES—Hardy Perpetual, Bourbon, Noisette, Bengal, Tea Scented, Moss and Climbing Rose, &c.

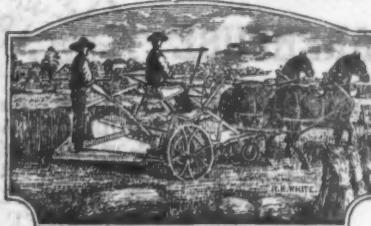
Hardy Perennial Border Plants, always on hand. The experience of many years in improving Ornamental grounds will enable the subscriber to make the proper selection of Ornamental Shrubs where such choice is confined to him by the purchase. Those intending to beautify their grounds, and entrusting their orders to him may rest assured that no pains will be spared to furnish them with the best and most beautiful kinds. Where timely notice is given, any order for shade Trees and Evergreens for Parks, Gardens and Private Grounds may be furnished.

Price for the laying out and improvement of grounds can only be furnished.

All orders to be addressed to M. G. KIRK, St. Louis, Missouri, St. Louis, Mo.

NEW SEED AND AGRICULTURAL WAREHOUSE.

On Sixth street, between Main & Market sts.
LOUISVILLE, KY.



In addition to the manufacture and sale of MANNY'S IMPROVED PATENT COMBINED MOWING and REAPING Machines, at my old stand on Sixth street near Main, I have opened a general

Seed and Agricultural Warehouse,

where may be found all the articles usually kept in similar establishments, consisting in part of the following: Manny's Combined Mowing and Reaping Machine, with all the improvements; Horse Powers and Threshers, Straw Cutters, Corn Shellers, Wheat Fans, Clover Mills, Plows of various kinds, Harrows, Cultivators, Horse Rakes, &c., &c. Also Scott & Hedges' Little Giant Corn and Cob Mills of the various sizes, and also their new Patent Steam Boilers.

SEEDS,

I have also a complete assortment of fresh and genuine Garden Seeds, at retail or by the box, at a liberal discount to merchants. Also Grass Seeds, embracing Clover, Orchard Grass, Timothy, Red Top and Millet Seed; Also Kentucky Blue Grass, Cleaned in a superior manner: Chinese Hemp Seed, Osage Orange Seed, Osage Orange plants, &c., &c.

Also FRUIT TREES; Brooks' New Seedling Strawberry Plants. Chinese Sugar Cane Seed sent in packages by mail. no. 4 tf.

H. B. HOWARD.

SIGERSON'S

SEED STORE

& AGRICULTURAL WAREHOUSE,

Corner of Broadway and Wash Streets, St. Louis.

The undersigned beg leave to acquaint their numerous customers in the West, that they will have for sale this spring, the largest and best selected stock of

Field, Garden and Flower Seeds, ever added for sale in this market; and to which will be added a large and complete stock of

AGRICULTURAL IMPLEMENTS,

Embracing every conceivable variety likely to be wanted by Farmers and Gardeners. They pledge themselves that their stock for the Spring has been selected from the most reliable manufacturers in the East, and with unusual care.

They assure themselves that their experience in Agriculture and Horticulture, has enabled them to make such selections as will give the most entire satisfaction to their customers.

JOHN SIGERSON & BRO.

Agricultural and Horticultural Books.

The undersigned take pleasure in stating to their former patrons and the public generally, that they have now on the way from the East, by Express, the most full, complete, and best selected stock of Agricultural Books ever offered in the West. A Descriptive Catalogue of Agricultural Implements, Field, Garden, Flower seeds, Agricultural and Horticultural Books, &c., will be forthcoming in a few days, and will be forwarded to all post paid applicants free of charge.

JOHN SIGERSON & BRO.
Corner of Broadway and Wash Sts., St. Louis, Mo.

NEW
AGRICULTURAL
WAREHOUSE



AND
SEED
STORE

DAVID LANDRETH,
WHOLESALE AND RETAIL DEALER IN
Garden, Grass and other Seeds.
MACHINE, AGRICULTURAL IMPLEMENT AND TOOL,
No. 18 South Main street,
SAINT LOUIS, MO.



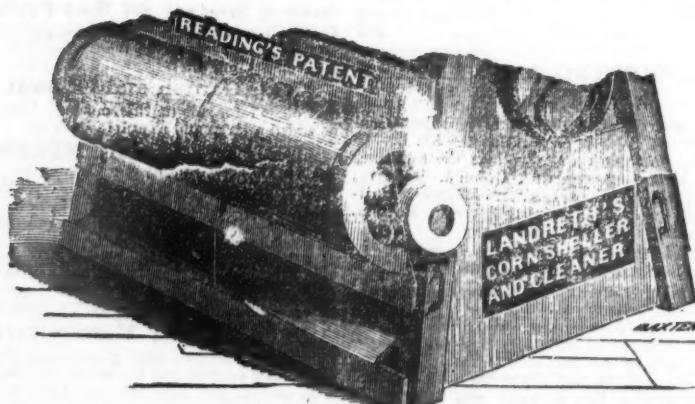
Manufactured at Landreth's Agricultural Works, Bristol, Pa., and for sale in St. Louis, at his Warehouse, only.

Farmers will take notice, this Sheller has Concave Feeding Wheels and Bevelled Cogs, to prevent choking, and are warranted superior to any other Hand Sheller now in use.

Price \$28.00. A liberal discount to Wholesale Purchasers. **D. LANDRETH.**

No. 18 South Main Street.

LANDRETH'S CORN SHELLER AND CLEANER



READING'S

This machine is truly extraordinary in its power and capacity, and will unquestionably work an important change in the cost of preparing corn for market; and it is by no means too much to say, will save the farmers of the great corn producing States Tens of Thousands of Dollars yearly. With a new one horse tread power, One Hundred and Forty bushels of Ears have been shelled within an hour, not as an experiment, but as ordinary labor. For sale only at

Price with Fan.....\$75 00
" without Fan.....\$60 00

LANDRETH'S AGRICULTURAL HOUSE,

No. 18 South Main street, St. Louis, Mo.

[Ja.'54]

Nov.

ST. LOUIS

M. G. KERN,

Respectfully begs leave to announce

Fall and Spring a

FRUIT

AND

Ornamental

NURSERIES,
Proprietor,

that he will have for sale, the ensuing

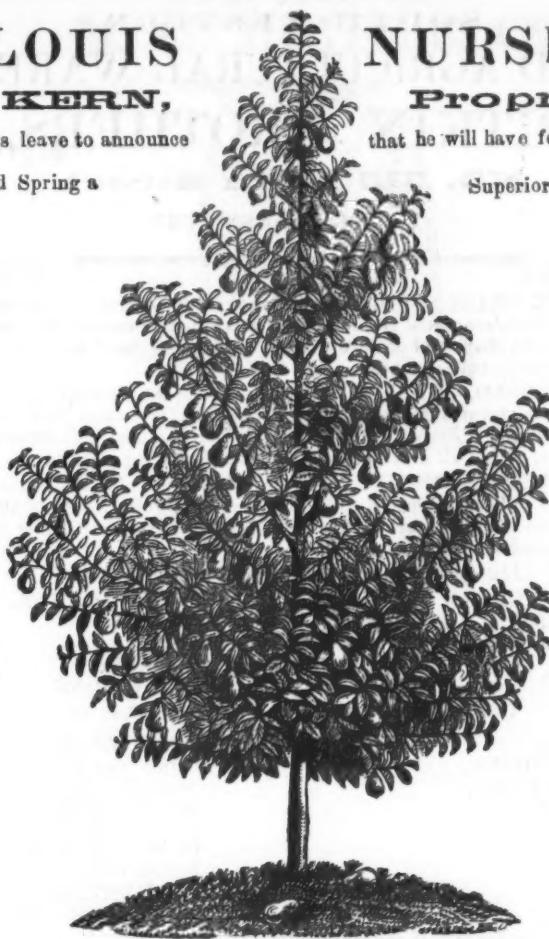
Superior Stock of

Shrubbery,

VINES,

ROSES,

&C., &C.



His Nurseries will contain such varieties of Fruit Trees as are known to succeed best in the Climate and Soil of the West and South-West, consisting of

STANDARD APPLES, of the best Summer, Fall and Winter varieties.

DWARF APPLES, on Paradise and Doucain Stocks.

STANDARD PEARS.

DWARF and HALF STANDARD PEARS, on Quince Stocks.

STANDARD and DWARF CHERRIES.

STANDARD and DWARF PLUMS.

PEACHES, a very large collection and of the very best varieties.

APRICOTS, NECTARINES, QUINCES, &c.

GRAPE ROOTS and CUTTINGS, Isabella, Catawba, and other varieties

GOOSEBERRIES, RASPBERRIES and CURRANTS, of the various kinds.

THE ORNAMENTAL DEPARTMENT

WILL COMPRISE

ORNAMENTAL DECIDUOUS TREES,

EVERGREEN TREES, of various species and of different ages and sizes,

FLOWERING SHRUBS, all of the most desirable kinds,

ROSES, of the most beautiful varieties, selected after many years of culture and experiment,

PEONIES, PHLOXES and CHRYSANTHEMUMS of the finest sorts.

All varieties of Trees and Shrubs warranted true to name.

The proprietor hopes, that from a thorough acquaintance with the Nursery business, in all its departments, and by a personal supervision of his Nurseries, to give entire satisfaction to all who will favor him with their patronage.

He will receive orders at the Office of the VALLEY FARMER, corner of Second and Chestnut streets, St. Louis, Mo., or at his Nurseries situated on the Olive Street Plank Road, five miles West of the city. Orders by letter may be addressed to M. G. KERN, St. Louis Nurseries, St. Louis, Mo.

no. 8.4.

SOUTH-WESTERN
SEED AND AGRICULTURAL WAREHOUSE,
PITKIN BROTHERS,
NO. 515 Main Street,
LOUISVILLE, KENTUCKY,

KENTUCKY BLUE GRASS SEED.—We are prepared to furnish, in any quantity, Fresh and Genuine Blue Grass Seed, separated from the stem in a superior manner by a new process, which divests it of much of the chaff, and enables a given quantity to cover nearly three times as much ground as the seed usually sold in market.

OSAGE ORANGE SEED.—We are the largest dealers in the United States, in Osage Orange Seed. One of our firm devotes his whole time and attention to this particular branch of our business, and we presume "*Pitkin's Osage Orange Seed*" is too well known to need further comment. Pamphlets, giving all necessary information respecting planting the seed and growing the hedge, furnished to all applicants.

GARDEN SEEDS.—We are prepared to furnish Genuine Garden Seeds, of the growth of 1856, by the pound or by the single paper, or neatly packed in boxes, containing 100 or 200 papers each. A liberal discount made to dealers.

List of Seeds, &c., which we Deal in Largely:

KENTUCKY BLUE GRASS,
ORCHARD GRASS,
RED TOP, or Herd Grass,
TIMOTHY,
CLOVER,

OSAGE ORANGE,
MILLET,
HEMP,
CANARY,
TOP ONIONS.

Our Stock of Implements Consists in Part of

HORSE POWERS,
THRESHING MACHINES,
MOWERS AND REAPERS,
STRAW CUTTERS,
CORN SHELLERS,
WHEAT FANS,
CORN PLANTERS,
GRAIN DRILLS,
CHAIN PUMPS.

CORN MILLS,
CORN and COB CRUSHERS,
AGRICULTURAL FURNACES,
MEAT CUTTERS,
SAUSAGE STUFFERS,
PLOWS, all sorts,
HARROWS,
CULTIVATORS,
WHEELBARROWS, &c., &c.

We are also agents for the sale of the celebrated

"LOUISVILLE HYDRAULIC CEMENT or WATER LIME."

Also on hand and for sale, WHITE SAND, CALCINED PLASTER, AGRICULTURAL PLASTER, WHITE LIME.



The proprietors of this NURSERY, situated a short distance South of St. Louis, Mo., are prepared to furnish from their establishment a more extensive and better selected stock of

Fruit, Shade, Ornamental Trees and Shrubbery, than they have ever heretofore been able to supply, and feel no hesitation in saying that scarcely a demand can be made on them which they cannot supply of the finest quality of Trees, Shrubs and Plants, to enumerate which, would require a much larger space than could be allowed to advertisers, and therefore invite all in want of a supply, to forward their orders for Catalogues and Bills of Prices, which will be forwarded promptly to all postpaid applicants.

Parties intending to procure trees the coming Spring should send their orders forward as early as possible, so as to enable the proprietors to fill and deliver them at the earliest possible time in the spring.

All communications should be addressed to
JOHN SIGERSON & BRO.,

Pitkin Brothers,

The Oriental Horse Charmer.

This valuable little Work on Raising, Breaking Training, Riding, Driving, Stabling, Feeding and Doctoring Horses, is daily being mailed to applicants in all parts of the United States. Send on your quarter for one, or \$1 for six copies, and you are sure to get it by return mail. Books on this subject containing no more, have been sold and are now selling for \$5 to \$10.

Address C. J. ELDRIDGE, south-easter corner of Third and Sycamore streets, Cincinnati, Ohio. n6.tf.

J. MALLINCKRODT. C. T. MALLINCKRODT. A. SCHRADER.

NURSERY.

JULIUS MALLINCKRODT, & Co., near Augusta, a Port on the Missouri River, St. Charles Co., Mo., has a large supply of Fruit Trees, Ornamental Trees, Evergreens and Shrubs for sale this season 1857, '58, consisting of

Winter Apples,	Peaches,	Apricots,
Fall do	Cherries,	Plums;
Summer do	Pears,	Nectarines,
Ornamental Trees,	Evergreens,	Shrubs.

Agency in St. Louis, ALEXANDER SHRADER, at
W.M. AMEND's, No. 91, South Fourth Street.

M. G. MOIES & CO.,

NO. 16

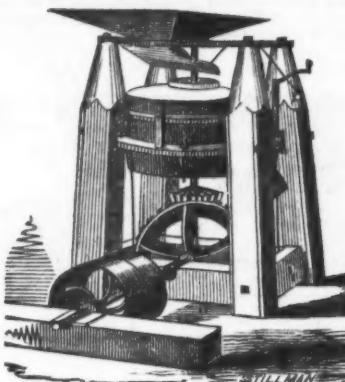
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Main street,

Sole Agents

ST. LOUIS, MO.

FOR THE SALE OF



STRAUB'S CELEBRATED

CORN AND WHEAT MILL QUEEN OF THE SOUTH.

PATENTED JUNE 27, 1854.

This remarkable Mill has been kept secured to the inventor by caveat—recently, however (27th June, 1854)—Letters Patent for the United States have been granted, securing the invention for 14 years. This Mill has sustained itself wherever it has been brought into competition with other Mills. It was run against the other make of Mills of our city at the Ohio State Fair, in 1850, when it drew a Diploma as the best Corn Mil and was awarded a fine silver medal.

Of these mills we manufacture five sizes for corn, and three expressly for grinding wheat flour.

The peculiar novelty of this mill is, the under stone is the running stone, in all cases. There is no limit to the speed, and as speed is everything in grinding, it will out-grind any upper runner in the world.

Secondly: By this arrangement, we are enabled to get grain into the Mill with a very small eye; consequently we grind nearer to the centre, and of course with less power than any upper runner can be made.

Thirdly: Our mill takes any kind of grain without choking. We warrant against choking in all cases. This is a great vexation, causing delay and trouble in all Mills where the upper stone is the runner. Of course, we mean small mills, where the motion must be high to do much business.

Fourthly: Our Mills never take injury by running empty—the under stone not touching the upper one, no injury can be done. This is an important advantage over all Mills whose upper stone is the runner. Ten minutes running without feed—where a heavy runner is balanced on a ryne—will do the Mill more injury than six months proper using.

Fifthly: In all Mills where the upper stone is the runner, there is often much trouble to keep the bush properly oiled; if neglected, the Mill must take injury. Our mills are free of this, because we have no bush in the Mill. We have a bearing entirely above all the stones, in sight, and can be oiled at any time when grinding.

We manufacture our Mill stones of the best French Burr Blocks the market affords, all of which we warrant superior.

M. G. MOIES & CO.,

NO. 16 MAIN STREET, ST. LOUIS, MO.,

Manufacturers and Agents for the Sale of All Kinds of

IRON AND WOOD WORKING MACHINES.

Keep constantly on hand, LATHES that swing from 8 inches to 7½ feet. PLANERS that plane from 2 to 30 feet long and from 18 inches to 8 feet wide. Hand Lathes and Drills of every description. Every kind of tool for Wood Work. Planing Machines, Sash Moulding Machines, Tenoning and Mortising machines,—Woodworth's, Norcross', Daniel's, Nye's and Farrar's Planers; in fact every Tool that is used in a Machine or Carpenter Shop.

We also furnish Flouring Mills and Distilleries complete; and have constantly on hand a large assortment of French Burr Stones, Portable Corn and Wheat Mills that we warrant to excel all others.

Portable and other Saw Mills run by steam, water or horse power. Our Saw-mills cannot be excelled, and the large variety we keep gives the purchaser a decided advantage in selecting from our stock, over any other in the Western country. We have constantly on hand Page's, Child's and Norcross' Combination, Muley, and King of the Wood, and the Sash Saw-mills, and Shingle machines.

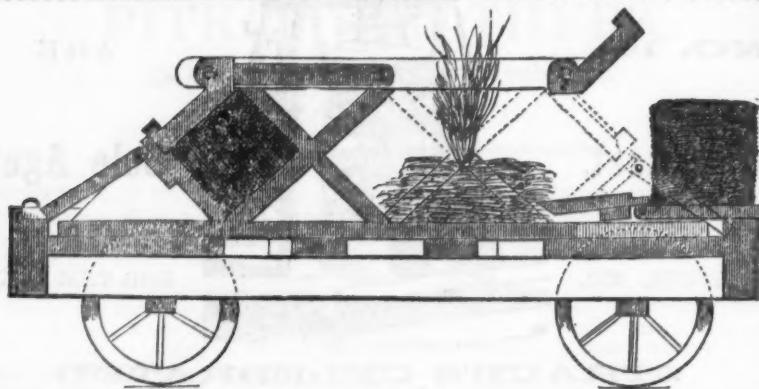
Also an extensive assortment of ENGINES, capacity from 3 to 100 horse power, and the most complete Portable Engines ever offered in the West. And as for Pumps we cannot be beat in variety and quality; we keep those adapted to mining, Pork Houses, Railroads, Distilleries, Mills, &c. Leather and Rubber Belting and Packing.

The great advantage the purchaser has in buying of us is, that he can get everything he wants to start any kind of a mill in 24 hours after we get the order; which saves him the trouble of looking up the different parts, often to the great annoyance of the purchaser. And as we WARRANT everything we sell, the purchaser has only one party to look to for redress in case anything is wrong.

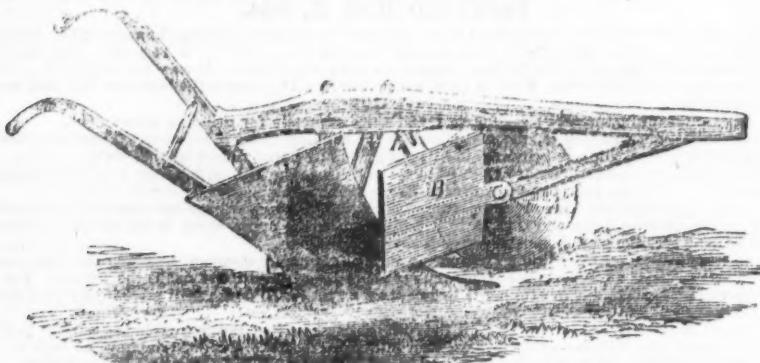
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MANNY & CO., Freeport, Ills.

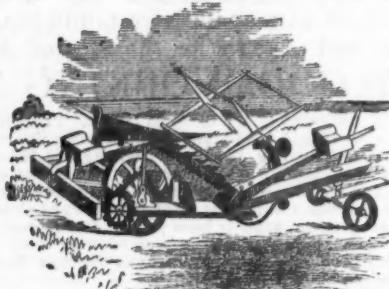
P. MANNY & J. PATTISON, having formed a co-partnership for Manufacturing purposes, would call the attention of Farmers to the following articles which we are prepared to manufacture, as also all other kinds of Agricultural Implements, when desired, at the Freeport Manufacturing Company's Shop:—

**NANNY'S PATENT PORTABLE HAY AND COTTON PRESS.**

A Horizontal Vibrating Lever Press, constructed on wheels. It is readily drawn from place to place, and worked with great facility, the Press being filled at one end while the bale is being hooped at the other, and vice versa—pressing a bale at each vibration of the levers, and, as is apparent, capable of doing a great amount of work, and designed to fully meet the wants of the people.

**Manny's Patent Sub-soil Plow.**

This is an article every farmer wants, to renovate his land and increase his crops. It is an old adage that "he who makes two spears of grass grow where only one grew before, is a public benefactor"—and that is what this Plow is intended to do.

**P. MANNY'S PATENT SELF-RAKING REAPER AND MOWER COMBINED!**

A short time ago there was a favorite Reaper and Mower of J. H. Manny, that has won so many laurels under the fostering care of its inventors. This is a new machine lately patented by P. Manny, in which there are many valuable improvements. It is not as liable to get out of order as other Self-Rakers, it being so simple that any farmer can mend or make any part of it without the trouble of going to a shop, or it may be taken off in a minute or two and laid aside.

MANNY & CO., Freeport Illinois.

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FIRST PREMIUM AND DIPLOMA AWARDED BY THE LATE
MISSISSIPPI VALLEY FAIR

TO

COX & ROBERT'S PATENT THRESHER AND CLEANER!

The sales of these Machines last year, was double that of any preceding one, and it was with great difficulty that the demand could be supplied. From our increased facilities in manufacturing, and the care taken in selecting materials, we are now able to offer them to the public as the best Machine made for the farmer. They thresh and clean the grain ready for market, and are considered by those having them in use to be the most simple, cheap and durable offered for sale.

Our Lever Powers are an improvement on any now in use, being extremely simple and portable. The Endless Chain or Railroad Horse Power is very durable—wrought iron links being used instead of cast iron, consequently are not liable to break or wear out. **[P]** Any further information cheerfully given.

March 1st.

Corner of Second and Cherry street, St. Louis, Mo.

FRUIT AND ORNAMENTAL TREES!!

An Abridged List of Fruit and Ornamental Trees Offered for Sale by
M. G. KERN, at the ST. LOUIS NURSERIES.

APPLES.

Price of Standard Trees \$20 per 100, or 25cts each. Dwarf Trees on Paradise or Doucinc Stocks, 50 cts. each.
CONSISTING OF THE FOLLOWING AND OTHER GOOD SORTS.

SUMMER.	AUTUMN.	WINTER.
Red Astraea,	Rambo,	Jeneton (Rawles Janet),
Carolina Red,	Fall Pippin,	Yellow Bellflower,
Early Harvest,	Porter,	White Bellflower,
Summer Rose,	Maidens Blush,	Newtown Pippin,
Summer Queen,	Drop d' Or,	Smith's Cider,
Sweet Bough,	Jersey Sweeting,	Rome Beauty,
American Pearmain,	Gravenstein,	Pyrors Red,
Keswick Codlin,	Pumpkin Sweet,	Newtown Spitzenberg,
Early Strawberry.	Belmont,	American Golden Russett,
White June-eating,	Hawley,	White Winter Pearmain,

PEACHES.

Price \$20 per 100, or 25 cents each.

Cole's Early Red,	Old Mixon Free,	Orange Cling,	Royal George,
Crawford's Early,	Coolidge's Favorite,	Yellow Rarericpe,	Noblesse,
Crawford's Late,	Heath Cling,	Large Early York,	Columbia,
Early York,	Baltimore Rose,	Grosse Mignonette,	Heath Free,
George Fourth,	Honest John,	Royal Kensington,	Monstrous Free,
Red Cheek Melaneaton.	Smock's Free,	New York Rarericpe,	Trotth's Early,

PEARS.

Price of Standard and Dwarf Trees, 50 to 75 cents each.

SUMMER.		WINTER.	
Bartlett,	Bourre Diel,	Oswego Beurre,	Columbia,
Dearborn's Seedling,	Bourre d' Amalis,	Swan's Orange,	Glout Moreau,
Madeleine,	Dix,	Steven's Genesee,	Passo Colmar,
Tyson,	Boile Luctuante,	Seckel,	Winter Nelis,
Rostiezer,	Duchesse d' Angouleme,	Urbaniste,	Pound
Bloodgood,	Flemish Beauty,	Washington,	Vicar of Winkfield,
Osband's Summer,	White Doyenne,	Pratt,	Bourre d' Aremberg.
FALL.	Fulton,	Easter Beurre,	Lawrence,
Beurre Bois,	Louise Bonne de Jersey,	Beurre Langeler,	Doyenne Goubault,
	Napoleon,		Chaumontel.

CHERRIES.

Price of Standard Trees on Mazzard stocks, or Dwarf trees on Mahaleb stocks, 50 to 75 cents each.

Early May,	Black Eagle,	Governor Wood,	Napoleon Biggarreau,
American Amber,	Coe's Transparent,	May Duke,	Rockport Biggarreau,
Bauman's May,	Downer's Late Red,	Black German,	Late Duke,
Black Heart,	Early Purple Guigne,	Black Tartarian,	Belle de Choisy.

PLUMS.

Price of Standard and Dwarf trees, 50 to 75 cents each.

Coe's Golden Drop,	Imperial Gage,	Jefferson,	Columbia,
Emperor,	Washington,	German Prune,	Smith's Orleans,
Green Gage,	Magnum Bonum,	Lombard,	Duane's Purple.

All the Best Sorts of APRICOTS, QUINCES and NECTARINES. (Price 50 cents each.)

ORNAMENTAL DEPARTMENT. Shade, Park and Street Trees,

Price, 50 cents to \$1.

Silver Leaved Maple,	Elm, various kinds,	Silver Leaved Poplar,	Mountain Ash,
Sugar Ma pie,	Ash, European and weeping kinds,	Lombard Poplar,	White Birch,
Tree of Heaven,	Larch,	Weeping Willow,	Deciduous Cypress,
Catalpa,		Tulip Tree,	Linden, &c., &c.

EVERGREEN TREES. (Price 50 cents and upwards.)

Norway Spruce,	Arborvitae,	Scotch Pine,	Balsam Fir,
White Spruce,	White Pine,	Red Cedar,	Austrian Pine,

EVERGREEN SHRUBS.

Tree Box,	Dwarf Box for edging,	Evergreen Thorn,	Eunonymus Japonica,
All articles to be sent to a distance will be carefully labelled, and packed in the best possible manner, for which a moderate charge will be made to cover cost. They will be delivered free of charge at any Railroad Depot or on board of any Steamboat in St. Louis, but from the time of such delivery they will be at the risk and expense of the purchaser. I will receive orders at the VALLEY FARMER OFFICE in St. Louis, or at my Nurseries, five miles West of the city. Orders must be accompanied with the Cash, or an acceptance from some reliable person in the City given.			M. G. KERN.

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**THE VALLEY FARMER FOR 1858:
PROSPECTUS OF VOLUME TEN!**

THE VALLEY FARMER
IS A MONTHLY PERIODICAL, DEVOTED TO
AGRICULTURE, HORTICULTURE, STOCK
RAISING, RURAL ECONOMY, &C.,

And especially to their progress in the West and South-West.

**NORMAN J. COLMAN - - AND - - H. P. BYRAM,
EDITORS.**
ASSISTED BY A CORPS OF ABLE CORRESPONDENTS.

THE VALLEY FARMER now ranks with the very Best Agricultural Periodicals in the Union. The publishers design, by improvement in its mechanical execution, and by the value and variety of its contents, to render the Tenth Volume a still more worthy representative of the Farmers of the Great West, and they confidently rely upon a cordial support from Western Farmers.

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Being now in the Tenth year of its existence, its financial condition is firmly established, and neither expense or pains will be spared to make it the most valuable Agricultural Periodical in the United States.

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NORMAN J. COLMAN,

**PUBLISHER OF THE VALLEY FARMER,
ST. LOUIS, MO**

All Letters from Kentucky and contiguous States to be addressed to
H. P. BYRAM, PUBLISHER VALLEY FARMER, LOUISVILLE, KY.

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PATENTED MARCH 4, 1856.

MANUFACTURED BY CLARK, AVERY & VOORHIES.

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Main street, between Florida and Mulberry streets, North of the Shot Tower, St. Louis, Mo.

The Simplicity, Cheapness, Durability, Strength and Easy Management of this Mill, makes it the best now in use. A glance at its combined improvements will not fail to convince every person of the superiority over any other for making lumber. It is constructed with two Saws, one above the other, and in line with each other, so as to assist in cutting off the slab, swell, butts and knots, and splitting large logs. The top saw can be moved on the arbor, so as to cut two planks with one run of the carriage, and in cutting fencing it will cut from two to eight boards with the two saws. The after end of the two saw shafts are connected by an arm, which acts as a guid for both shafts, and serves for their adjustment, so as to have complete control of the saws whilst running, and keeping them true with each other whilst cutting. It is capable of sawing 1000 feet per hour, and will work without sawing crooked, in all kinds of timber. We warrant the Mills to perform in every respect as represented.

One of these Mills can be seen in operation at the PEOPLE'S IRON WORKS, where the public are invited to examine for themselves, and any information respecting them will be cheerfully given on application to ISAAC L. GARRISON, President of the Home Mutual Insurance Company, corner of Main and Vine streets.

Horse Powers and Steam Engines furnished with the Mills at short notice and upon satisfactory terms.
CLARK, AVERY & VOORHIES.
St. Louis, September, 1856.

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ESTABLISHED 1845, BY WM. M. PLANT.

CLARK, PLANT & NORRIS, (SUCCESSIONS TO WM. M. PLANT & CO.)

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Agricultural Machines and Tools, IN ENDLESS VARIETY; ALSO GARDEN, GRASS AND OTHER SEEDS.



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ALSO, NO. 203, NORTH FOURTH ST., OR 218, BROADWAY,

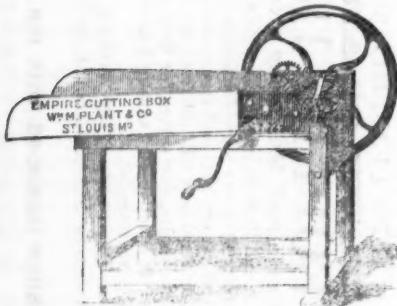
between Morgan Street and Franklin Avenue.

MANUFACTORY, NORTHWEST CORNER OF MAIN AND BIDDLE.

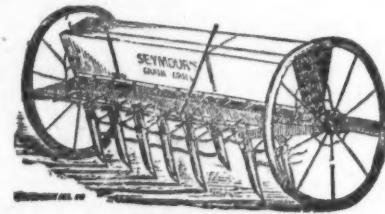
ROLLIN CLARK,
WM. M. PLANT,

St. Louis, Mo.

A. B. NORRIS,
J. F. SMITH,



Empire Hay, Straw & Corn Stalk Cutter.



WHEAT DRILL AND BROADCAST
SEED SOWER.

Descriptive Circulars furnished gratis.

CONSTANTLY ON HAND AND FOR SALE,
LEVER & RAILROAD HORSE POWERS
THRESHERS with SEPARATORS,
THRESHERS with CLEANERS.
MOWERS and REAPERS,
STRAW and HAY CUTTERS,
CORN SHELLERS,
PLOWS, HARROWS,
CULTIVATORS,
CIDER MILLS.
FAN MILLS,

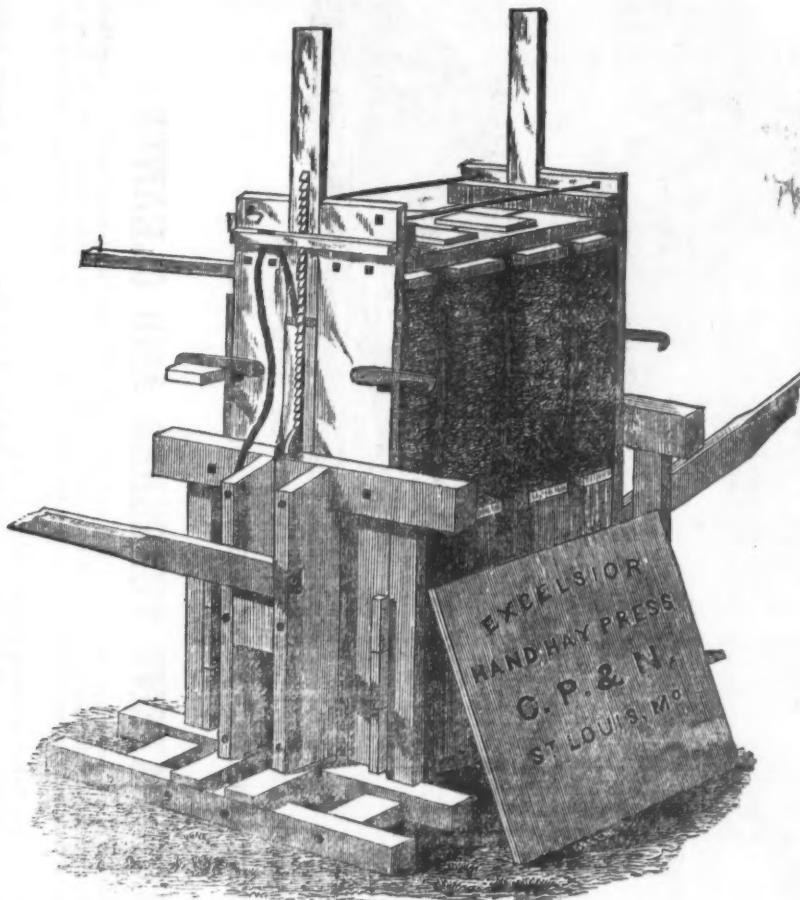
AGRICULTURAL BOOKS,
TIMOTHY SEED,
CLOVER " "
RED TOP " "
BLUE GRASS " "
HEMP " "
MILLET " "
CANARY " "
GARDEN and FLOWER SEEDS,
BIRD CAGES, &c.

CHINESE SUGAR CANE, CHINESE HEMP SEED, AND HUNGARIAN GRASS SEED.

 Our Descriptive Catalogue furnished gratis on application at warehouses, or by mail, when five cents
are sent to prepay the postage.

CLARK, PLANT & NORRIS.

PORTRABLE EXCELSIOR VERTICAL HAND HAY PRESS.



The above Press was awarded the first Premium and Diploma at the St. Louis Agricultural and Mechanical Association, at their annual Fair, in Oct., 1857.

This Press is simple in its construction, readily put together, and easily separated, besides being perfectly portable.

For shipping they are taken apart. It consists of fifteen pieces, and weighs 1500 lbs. In putting together be particular and observe the numbers. Price \$140 00.

Size of bale, 3 feet 10 inches long, 2 feet 8 inches high, 2 feet 4 inches wide. Weight of bale from 200 to 275 lbs., varying according to quality of hay, and the manner in which it is tramped into the press.

Two men without any extra exertion will average four bales per hour, or five tons per day.

DIRECTIONS FOR USE.

FIRST.—Drop down the door on one side of the Box,

push back the sliding top, and unhook the top rods, after which lay in the staves at the bottom of the press.

SECOND.—Pitch in the Hay or Straw, having a man in the box to pack it well down in the corners with his feet. After the lower part of the box is full, raise up the door again and continue to pass in the hay or straw, over the top, until the box is full.

THIRD.—Then lay the staves on the top of the hay, pushing back the sliding top to its place, and hook the top rods again, then work the levers regularly until the rack is run out to the end.

FOURTH.—Drop down both doors of the press, and pass the wire, rope, or hoops around the bale and make them fast, then back down the rack a few notches and the bale may be readily thrown out, after which remove all the ketches from the rack, and lower the bottom board down by the rope.



FIRST PREMIUM AND DIPLOMA AWARDED BY THE LATE
MISSISSIPPI VALLEY FAIR.

TO

COX & ROBERT'S PATENT THRESHER AND CLEANER!

The sales of these Machines last year, was double that of any preceding one, and it was with great difficulty that the demand could be supplied. From our increased facilities in manufacturing, and the care taken in selecting materials, we are now able to offer them to the public as the best Machine made for the farmer. They thresh and clean the grain ready for market, and are considered by those having them in use to be the most simple, cheap and durable offered for sale.

Our Lever Powers are an improvement on any now in use, being extremely simple and portable. The Endless Chain or Railroad Horse Power is very durable—wrought iron links being used instead of cast iron, consequently are not liable to break or wear out.

Any further information cheerfully given.
 March 1st.

Corner of Second and Cherry streets, St. Louis, Mo.

HOOFLAND'S German Bitters

Will effectually cure

Liver Complaint, Dyspepsia, Jaundice, Chronic or Nervous Debility, Diseases of the Kidneys, and all diseases arising from a disordered Liver and Stomach.

Every family should have a bottle of these bitters in the house.

ONE DOSE will instantly relieve a sick stomach.

ONE DOSE will cure the most distressing heart burn.

ONE DOSE will allay any agitation of the nerves.

ONE DOSE, taken an hour before meals, will give a good appetite.

ONE DOSE will, in many cases, cure the most severe headache, when proceeding from a disordered stomach.

These Bitters can be obtained at any Druggist's or seller of Patent Medicines in the United States or Canada. Price 75 cents per bottle.

Sold by H. Blakesley, St. Louis. Oct. 4th.

AYER'S CATHARTIC PILLS.

The sciences of Chemistry and Medicine have been taxed their utmost to produce this best, most perfect purgative which is known to man. Innumerable proofs are shown that these Pills have virtues which surpass in excellence the ordinary medicines, and that they win unprecedentedly upon the esteem of all men.

They are safe and pleasant to take, but powerful to cure. Their penetrating properties stimulate the vital activities of the body, remove the obstructions of its organs, purify the blood and expel disease. They purge out the foul humors which breed and grow distemper, stimulating sluggish or disordered organs into their natural action, and impart healthy tone with strength to the whole system. While they produce powerful effects, they are, at the same time, in diminished doses, the safest and best physic ever employed for children. Being sugar-coated, they are pleasant to take; and being purely vegetable, are free from any risk of harm. Cures have been made which surpass belief were they not substantiated by men of such exalted position and character as to forbid the suspicion of untruth. Many eminent physicians and physicians have lent their names to certify to the public the responsibility of my remedies, while others have sent me the assurance of their conviction that my preparations contribute immensely to my afflicted, suffering fellow-men.

Prepared by Dr. J. C. AYER, Lowell, Mass., and sold by every respectable Druggist in the United States.

Sold by Barnard, Adams & Co., St. Louis, Mo., " Miller & Co., Louisville, Ky., Wholesale Agent.

Sept. 31.

Hedge Fences!!

Farmers delay not to plant your Hedges, and see that it is done right.

The subscribers beg leave to say that their increased confidence in the Maclura, or Osage Orange, as the only hope of permanently fencing the prairies, has stimulated them to redouble their efforts in the culture of plants, and they now have the pleasure of offering from fifteen to twenty millions of the most thrifty and beautiful plants, on the most reasonable terms. Great inducements will be offered to planters and wholesale dealers. The plants will be taken up this Fall, and handled and packed with the greatest care, and delivered on the cars at Bloomington and Wenona, Ill., either in the fall or spring. A treatise on Hedge culture, detailing all the latest improvements, will soon be issued, and sent gratis to all who apply for it. Orders solicited, and good agents wanted, to whom we offer very liberal inducements.

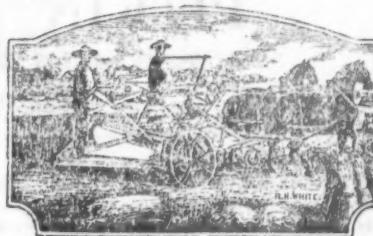
Address **OVERMAN & MANN.**

BLOOMINGTON, Ill., Oct. 1st, 1857.

NEW SEED AND AGRICULTURAL WAREHOUSE.

On Sixth street, between Main & Market sts.

LOUISVILLE, KY.



In addition to the manufacture and sale of **MANNY'S IMPROVED PATENT COMBINED MOWING AND REAPING MACHINES**, at my old stand on Sixth street near Main, I have opened a general

Seed and Agricultural Warehouse,

where may be found all the articles usually kept in similar establishments, consisting in part of the following: Manny's Combined Mowing and Reaping Machine, with all the improvements; Horse Powers and Threshers, Straw Cutters, Corn Shellers, Wheat Fans, Clover Mills, Flows of various kinds, Harrows, Cultivators, Horse Rakes, &c., &c. Also Scott & Hedges' Little Giant Corn and Cob Mills of the various sizes, and also their new Patent Steam Boilers.

SEEDS,

I have also a complete assortment of fresh and genuine Garden Seeds, at retail or by the box, at a liberal discount to merchants. Also Grass Seeds, embracing Clover, Orchard Grass, Timothy, Red Top and Miller Seed; Also Kentucky Blue Grass, Cleared in a superior manner; Chinese Hemp Seed, Osage Orange Seed, Osage Orange plants, &c., &c.

Also FRUIT TREES; Brooks' New Seedling Strawberry Plants. Chinese Sugar Cane Seed sent in packages by mail.

no. 4 tf.

H. B. HOWARD.

SIGERSON'S

SEED STORE

& AGRICULTURAL WAREHOUSE,

Corner of Broadway and Wash Streets, St. Louis.

THE undersigned beg leave to acquaint their numerous customers in the West, that they will have for sale this spring, the largest and best selected stock of

Field, Garden and Flower Seeds, ever offered for sale in this market; and to which will be added a large and complete stock of

AGRICULTURAL IMPLEMENTS,

Embracing every conceivable variety likely to be wanted by Farmers and Gardeners. They pledge themselves that their stock for the Spring has been selected from the most reliable manufacturers in the East, and with unusual care.

They flatter themselves that their experience in Agriculture and Horticulture, has enabled them to make such selections as will give the most entire satisfaction to their customers.

JOHN SIGERSON & BRO.

Agricultural and Horticultural Books.

THE undersigned take pleasure in stating to their former patrons and the public generally, that they have now on the way from the East, by Express, the most full, complete, and best selected stock of Agricultural Books ever offered in the West. A Descriptive Catalogue of Agricultural Implements, Field, Garden, Flower seeds, Agricultural and Horticultural Books, &c., will be forthcoming in a few days, and will be furnished to all post paid applicants free of charge.

jan' 57. JOHN SIGERSON & BRO.

Corner of Broadway and Wash sts., St. Louis, Mo.

**SOUTH-WESTERN
SEED AND AGRICULTURAL WAREHOUSE,
PITKIN BROTHERS,
NO. 515 Main Street,
LOUISVILLE, KENTUCKY,**

KENTUCKY BLUE GRASS SEED.—We are prepared to furnish, in any quantity, Fresh and Genuine Blue Grass Seed, separated from the stem in a superior manner by a new process, which divests it of much of the chaff, and enables a given quantity to cover nearly three times as much ground as the seed usually sold in market.

OSAGE ORANGE SEED.—We are the largest dealers in the United States, in Osage Orange Seed. One of our firm devotes his whole time and attention to this particular branch of our business, and we presume "*Pitkin's Osage Orange Seed*" is too well known to need further comment. Pamphlets, giving all necessary information respecting planting the seed and growing the hedge, furnished to all applicants.

GARDEN SEEDS.—We are prepared to furnish Genuine Garden Seeds, of the growth of 1856, by the pound or by the single paper, or neatly packed in boxes, containing 100 or 200 papers each. A liberal discount made to dealers.

List of Seeds, &c., which we Deal in largely:

KENTUCKY BLUE GRASS,
ORCHARD GRASS,
RED TOP, or Herd Grass,
TIMOTHY,
CLOVER,

OSAGE ORANGE,
MILLET,
HEMP,
CANARY,
TOP ONIONS.

Our Stock of Implements Consists in Part of

HORSE POWERS,
THRESHING MACHINES,
MOWERS and REAPERS,
STRAW CUTTERS,
CORN SHELLERS,
WHEAT FANS,
CORN PLANTERS,
GRAIN DRILLS,
CHAIN PUMPS.

CORN MILLS,
CORN and COB CRUSHERS,
AGRICULTURAL FURNACES,
MEAT CUTTERS,
SAUSAGE STUFFERS,
PLOWS, all sorts,
HARROWS,
CULTIVATORS,
WHEELBARROWS, &c., &c.

We are also agents for the sale of the celebrated

"LOUISVILLE HYDRAULIC CEMENT or WATER LIME."

Also on hand and for sale, WHITE SAND, CALCINED PLASTER, AGRICULTURAL PLASTER, WHITE LIME.

Pitkin Brothers,

The Oriental Horse Charmer.

This valuable little Work on Raising, Breaking Training, Riding, Driving, Stabiling, Feeding and Doctoring Horses, is daily being mailed to applicants in all parts of the United States. Send on your quarter for one, or \$1 for six copies, and you are sure to get it by return mail. Books on this subject containing no more, have been sold and are now selling for \$5 to \$10.

Address C. J. HEDRIDGE, south east corner of Third and Sycamore streets, Cincinnati, Ohio. n. ff.


**SIGERSON'
NURSERY.**

The proprietors of this NURSERY, situated a short distance South of St. Louis, Mo., are prepared to furnish from their establishment a more extensive and better selected stock of

Fruit, Shade, Ornamental Trees and Shrubs, than they have ever heretofore been able to supply, and feel no hesitation in saying that scarcely a demand can be made on them which they cannot supply of the finest quality of Trees, Shrubs and Plants, to enumerate which, would require a much larger space than could be allowed to advertisers, and therefore invite all in want of a supply, to forward their orders for Catalogues and Bills of Prices, which will be forwarded promptly to all postpaid applicants.

Parties intending to procure trees the coming Spring should send their orders forward as early as possible, so as to enable the proprietors to fill and deliver them at the earliest possible time in the spring.

All communications should be addressed to
JOHN SIGERSON & BRO.,

**J. MALLINCKRODT. F. MALLINCKRODT. A. SCHRADER.
NURSERY.**
JULIUS MALLINCKRODT, & Co., near Augusta, a
Port on the Missouri River, St. Charles Co., Mo., has
a large supply of Fruit Trees, Ornamental Trees, Ever-
greens and Shrubs for sale this season 1857, '58, con-
sisting of

Winter Apples,	Peaches,	Apricots,
Fall do	Cherries,	Plums,
Summer do	Pears,	Nectarines,
Ornamental Trees,	Evergreens,	Shrubs.

Agency in St. Louis, ALEXANDER SHRADER, at
Wm. AMEND's, No. 91, South Fourth Street.

M. G. MOIES & CO.,

NO. 16

ARE

Main srteet,

Sole Agents

ST. LOUIS, MO.

FOR THE SALE OF



STRAUB'S CELEBRATED

CORN AND WHEAT MILL QUEEN OF THE SOUTH.

PATENTED JUNE 27, 1854.

This remarkable Mill has been kept secured to the inventor by caveat—recently, however (27th June, 1854)—Letters Patent for the United States have been granted, securing the invention for 14 years. This Mill has sustained itself wherever it has been brought into competition with other Mills. It was run against the other make of Mills of our city at the Ohio State Fair, in 1850, when it drew a Diploma as the best Corn Mill and was awarded a fine silver medal.

Of these mills we manufacture five sizes for corn, and three expressly for grinding wheat flour.

The peculiar novelty of this mill is, the under stone is the running stone, in all cases. There is no limit to the speed, and as speed is everything in grinding, it will out-grind any upper runner in the world.

Secondly: By this arrangement, we are enabled to get grain into the Mill with a very small eye; consequently we grind nearer to the centre, and of course with less power than any upper runner can be made.

Thirdly: Our mill takes any kind of grain without choking. We warrant against choking in all cases. This is a great vexation, causing delay and trouble in all Mills where the upper stone is the runner. Of course, we mean small mills, where the motion must be high to do much business.

Fourthly: Our Mills never take injury by running empty—the under stone not touching the upper one, no injury can be done. This is an important advantage over all Mills whose upper stone is the runner. Ten minutes running without feed—where a heavy runner is balanced on a rye—will do the Mill more injury than six months proper using.

Fifthly: In all Mills where the upper stone is the runner, there is often much trouble to keep the bush properly oiled; if neglected, the Mill must take injury. Our mills are free of this, because we have no bush in the Mill. We have a bearing entirely above all the stones, in sight, and can be oiled at any time when grinding.

We manufacture our Mill stones of the best French Burr Blocks the market affords, all of which we warrant superior.

M. G. MOIES & CO.,

NO. 16 MAIN STREET, ST. LOUIS, MO.,

Manufacturers and Agents for the Sale of All Kinds of

IRON AND WOOD WORKING MACHINES.

Keep constantly on hand, LATHES that swing from 8 inches to 7½ feet. PLANERS that plane from 2 to 30 feet long and from 18 inches to 8 feet wide. Hand Lathes and Drills of every description. Every kind of tool for Wood & Work. Planing Machines, Sash Moulding Machines, Tenoning and Mortising machines.—Woodworth's Norcross', Daniel's, Neye's and Farrar's Planers; in fact every Tool that is used in a Machine or Carpenter Shop.

We also furnish Flouring Mills and Distilleries complete; and have constantly on hand a large assortment of French Burr Stones, Portable Corn and Wheat Mills that we warrant to excel all others.

Portable and other Saw Mills run by steam, water or horse power. Our Saw-mills cannot be excelled, and the large variety we keep gives the purchaser a decided advantage in selecting from our stock, over any other in the Western country. We have constantly on hand Page's, Child's and Norcross' Combination, Muley, and King of the Wood, and the Sash Saw-mills, and Shingle machines.

Also an extensive assortment of ENGINES, capacity from 3 to 100 horse power, and the most complete Portable Engines ever offered in the West. And as for Pumps we cannot be beat in variety and quality; we keep those adapted to mining, Pork Houses, Railroads, Distilleries, Mills, &c. Leather and Rubber Belting and Packing.

The great advantage the purchaser has in buying of us is, that he can get everything he wants to start any kind of a mill in 24 hours after we get the order; which saves him the trouble of looking up the different parts, often to the great annoyance of the purchaser. And as we WARRANT everything we sell, the purchaser has only one party to look to for redress in case anything is wrong.

Aug, 5.

BLOOMINGTON NURSERIES,
BLOOMINGTON, ILLINOIS.

The subscriber offers a large and RELIABLE assortment of

Fruit and Ornamental Trees,
Shrubs and Plants,

at lowest cash rates. For instance, apples 5 to 7 feet, per 1000 \$100; per 100 \$12.50; each 15 cents. Peach 15 cents. Pear 25 to 50 cents. Cherry 20 to 40 cents, and other things in proportion. Catalogues, both wholesale and retail, gratis.

Nov. 1.

F. K. PHENIX.



HEDGING.

We have about 100 acres planted to Osago Orange in Western Missouri, Iowa, Nebraska and Kansas. Will make hedge fences upon a principle entirely new, that will succeed with or without trimming, possessing five important advantages over the usual system, viz: suffering no injury if frozen down every winter, neither if fire ran through it. Protect stock better against the cold winds, and all the expenses semi-annually, trimming saved. Also not so liable to thin out at bottom. Our nurseryman are authorized to sell plants at \$5 per 1000. The purchaser will be furnished directions for planting upon the above principle; also any person wishing hedging done should let the nurseryman know it, that we may see them when we come. We will take in payment where the amount is sufficient to justify it, horses, mules, jacks, jennets, sheep, &c. Plants may be set any time from the falling of the leaf in autumn to the bursting of the bud in Spring. We design planting nurseries in every county and settlement (where thought practicable) in the States and Territories above named, and northern Texas. Will take contracts to hedge when ten miles or over can be had in the same vicinity. Also hedge for part of the land with or without the land being previously enclosed.

Address

JOHN D. THOMPSON.
Rural, Jasper Co., Mo.

DEVONS FOR SALE.

A few Thorough Bulls and Heifers bred from my own herd, by my Imported Bull "Duke of Devon." Also, some fine Essex Hogs.

Oct. 3.

CHAS. A. ELY,
ELYRIA, Ohio.

APPLE TREES FOR SALE.

100,000 three years old, grafted apple trees, 6 to 7 feet high. Also 200,000 Hedge Plants, one year old, for sale very low by the subscriber at the

MC'LEAN COUNTY NURSERY,

Bloomington, Illinois.

To those wishing to purchase by wholesale, a rare chance is offered.

Oct. 3.

O. M. COLMAN.

References—C. K. Overman, Commercial Nurseries, J. W. Felt, Bloomington, Ill.

Hungarian Grass Seed.

N. B. PRESTON, raiser and dealer in Hungarian grass seed. Will supply orders in Missouri, Illinois and Iowa, and give any required information as to the cultivation or the quality of the hay, with or without the seed.

Nov.

N. B. PRESTON,
Albia, Monroe Co., Iowa.

LATOURETTE & WYMAN,

MANUFACTURERS OF

LINSEED AND CASTOR OILS.
OFFICE AND WORKS, Corner of Second & Columbia Sts.

SAINT LOUIS, MISSOURI.

Cash paid for Flaxseed and Castor Beans.

CHEAP

SEWING MACHINES!

Removed to 85 Fourth Street,
Under the Grimsley House.

Watson's Sewing Machine..... Price \$10

S. F. Pratt's Ladies' Companion Sewing

Machine..... \$12 to \$20

Galt & Gray's Sewing Machine..... 25

Orders received for Hunt & Webster's, Eunery, Haugh-

ton & Co.'s, and all other cheap machines.

There has been so much inquiry about cheap sewing machines, we have resolved to keep samples of them all, in order that the public may have an opportunity to compare them with

**SINGER'S CELEBRATED
FAMILY SEWING MACHINE,
THAT RECEIVED THE
PREMIUM**

At the ST. LOUIS FAIR, September 30, 1857.

The deliberate decision of the Awarding Committee, at the recent St. Louis Fair, after a thorough and careful examination of all the competing machines, is simply a confirmation of the opinion expressed in like manner, at the great World's Exhibition in Paris, at the Fair of the American Institute in New York, and at all similar exhibitions where Sewing Machines have been subjected to a thorough test. It also corresponds with the popular sentiment wherever Singer's machine is used, leaving not a shadow of doubt that Singer's is the best Sewing machine in the world.

Now Is The Time

To buy a Singer's Sewing Machine. If you have Bank bills that are current to-day, they may be discredited to-morrow. Buy a Singer's Sewing Machine, it is a good investment under all circumstances—if you fail entirely, it will afford you a handsome income, and if you survive the panic it is worth quadruple its present price.

ED. DEAN.

**S. J. MITCHELL'S
PREMIUM LIGHTNING RODS.**

These superior rods are of Carbonized Enanneled Iron, with Electro positive elements combined in the manufacture, thus rendering them equal to copper as conductors. They are ten feet in length, with accurately fitted brass screw connecting joints, an entire new style of metallic attachments for brick or frame buildings; also, insulators of novel and ingenious construction. These insulators are three inches in diameter, and of sufficient strength to prevent the many accidents that occur from the use of the common small insulator. All insulators are marked in large letters, S. J. Mitchell. The whole mounted with a five prong copper point, tipped with platina, twelve inches long, which possesses the power to an extraordinary extent of discharging the opposite elements of most fearful thunder storm, and embraces the entire perfection of science up to the present time, constituting the most magnificent and perfect SILENT CONDUCTOR ever presented to the public.

Merchants and dealers are requested to call and examine before purchasing elsewhere. All orders addressed to me through the Post-office, or left at the shop, on Twenty-first street, above Franklin Avenue, will be promptly attended to.

no. 5, tf.

S. J. MITCHELL, St. Louis.

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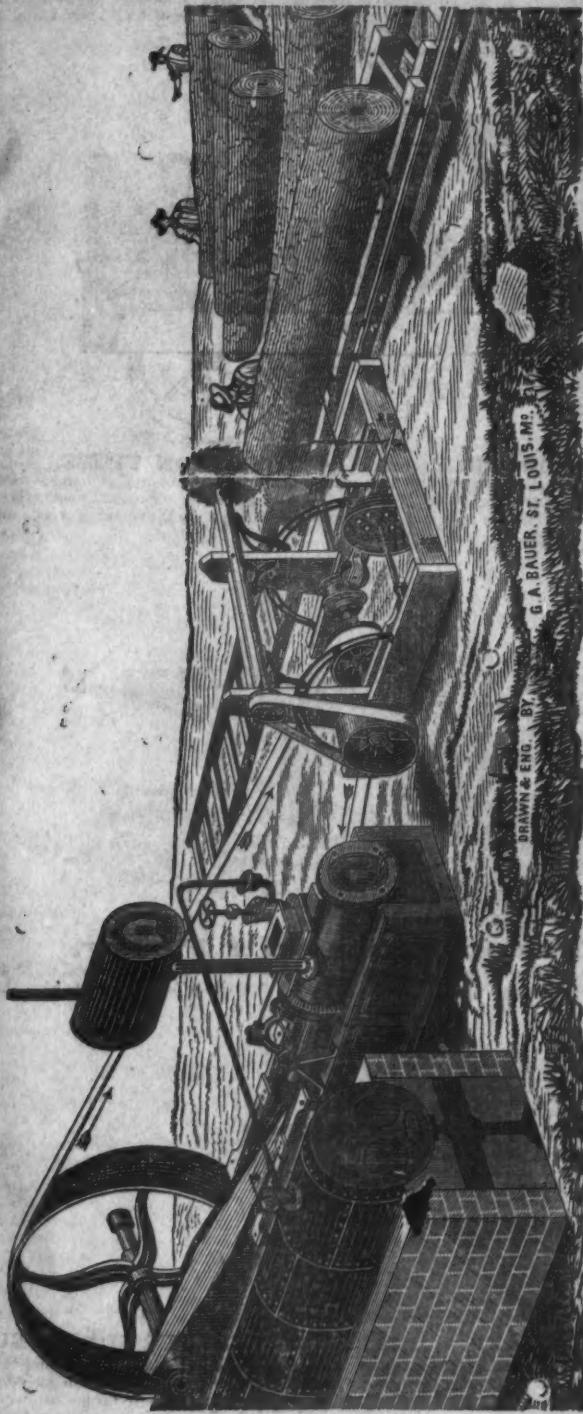
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PAGE'S PATENT

PORTABLE CIRCULAR SAW MILL, WITH STEAM POWER THESE MILLS are capable of sawing from THREE to EIGHT Thousand feet of lumber in a day, varying according to the power applied and kind of timber sawed.

With Horse Power, are capable of sawing from ONE to TWO thousand feet per day, according to the kind of timber sawed, and with either STEAM, WATER, or Horse Power, will saw more lumber and in a better style, than any other kind of mill now in operation.

With the CHILD PATENT DOUBLE MILL, any sized timber can be sawed. The simplicity in their operations, durability and adaptation of these Mills to the wants of the country, and successful practical operation of those in use,

together with their becoming almost entirely used, has been the means of establishing their great reputation.

With our experience for the past ten years in making these Mills, and with improvements and increased facilities in manufacturing, we offer them to the public with the fullest confidence of their superior advantages over all others.

Having the right of manufacturing for a large portion of territory West and South, we can furnish either the SINGLE or DOUBLE Mill as preferred, for Steam, Water or Horse Power.

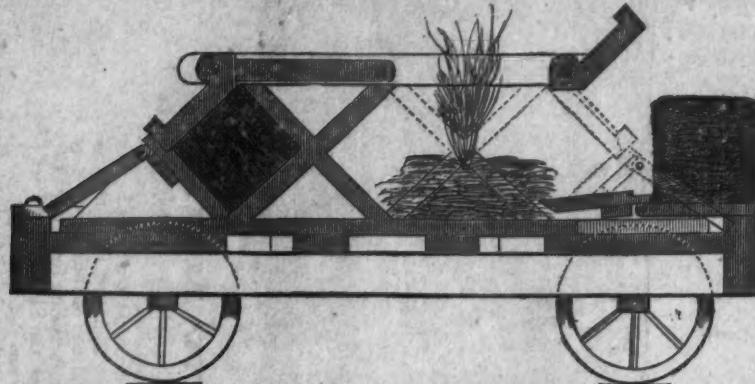
Orders respectfully solicited, and any further information cheerfully given.

KINGSLANDS & FERGUSON,
PHOENIX FOUNDRY, Corner of Second and Cherry Sts. St. Louis.

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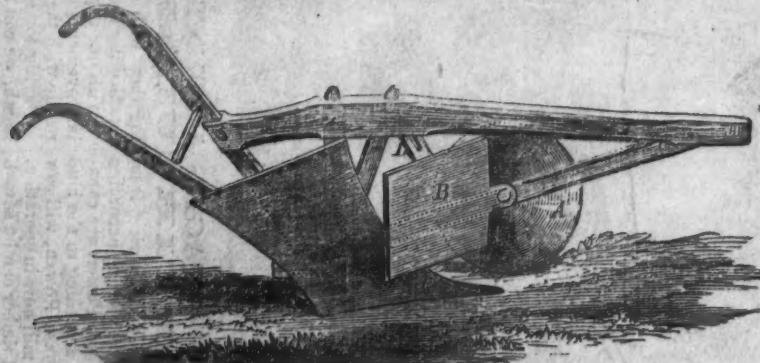
MANNY & CO., Freeport, Ills.

P. MANNY & J. PATTISON, having formed a co-partnership for Manufacturing purposes, would call the attention of Farmers to the following articles which we are prepared to manufacture, as also all other kinds of Agricultural Implements, when desired, at the Freeport Manufacturing Company's Shop:—



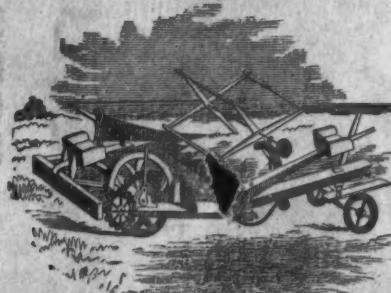
NANNY'S PATENT PORTABLE HAY AND COTTON PRESS.

A Horizontal Vibrating Lever Press, constructed on wheels. It is readily drawn from place to place, and worked with great facility, the Press being filled at one end while the bale is being hooped at the other, and vice versa—pressing a bale at each vibration of the levers, and, as is apparent, capable of doing a great amount of work, and designed to fully meet the wants of the people.



Manny's Patent Sub-soil Plow.

This is an article every farmer wants, to renovate his land and increase his crops. It is an old adage that "he who makes two spears of grass grow where only one grew before, is a public benefactor"—and that is what this Plow is intended to do.



P. MANNY'S PATENT SELF-RAKING REAPER AND MOWER COMBINED!

—not the old favorite Reaper and Mower of J. H. Manny, that has won so many laurels under the fostering care of its inventors. This is a new machine lately patented by P. Manny, in which there are many valuable improvements. It is not as liable to get out of order as other Self-Rakers, it being so simple that any farmer can mend or make any part of it without the trouble of going to a shop, or it may be taken off in a minute or two and laid aside.

MANNY & CO., Freeport Illinois.

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